

Converting Colors

XYZ(75.3505, 82.4288,
101.2184)

Have a look what the booklet for
XYZ(75.3505, 82.4288, 101.2184)
contains.

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Color

**XYZ(75.4050, 82.2848,
101.5308)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EEF9
RGB	214, 238, 249
RGB Percent	84%, 93%, 98%
CMY	0.1608, 0.0666, 0.0235
CMYK	0.14, 0.04, 0.00, 0.02
HSL	199°, 74%, 91%
HSV	199°, 14%, 98%
XYZ	75.4050, 82.2848, 101.5308
YIQ	232.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

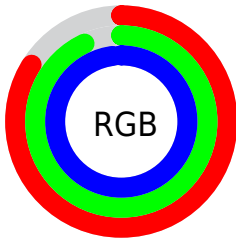
Format	Color
R _{YB}	214, 228, 249
Decimal	14085881
CIE _{Lab}	92.70, -5.67, -7.98
CIE _{LCh}	93, 9.787, 234.609
Y _{xy}	82.2848, 0.2909, 0.3174
Android (android.graphics.Color)	4292275961 (0xFFD6EEF9)
YUV	232.0780, 8.3425, -15.8544
Hunter-Lab	90.7110, -10.3631, -2.8643

Details

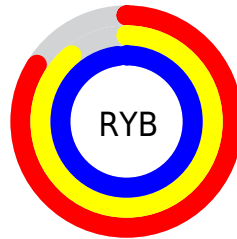
The XYZ color **75.4050, 82.2848, 101.5308** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.1303, 78.8450, 74.7206**, and the grayscale version is **76.7112, 80.7062, 87.8890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6517, 44.6771, 56.9330** is the 20% darker color. If you saturate the color by 10%, you get **66.4582, 74.3664, 100.4752**, and if you desaturate by 10%, it is **85.5665, 90.9807, 102.6750**.

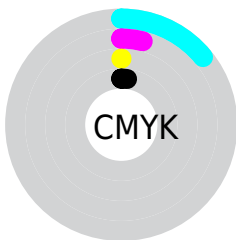
Distribution



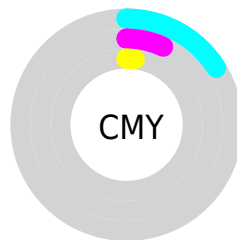
- Red (84%)
- Green (93%)
- Blue (98%)



- Red (84%)
- Yellow (89%)
- Blue (98%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4050, 82.2848, 101.5308 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.4050, 82.2848, 101.5308 by changing the saturation by 10% instead.

■ 75.4050, 82.2848,
101.5308

■ 75.4050, 82.2848,
101.5308

468.2842,
502.5998, 586.3780

■ 56.2401, 61.6003,
76.9556

125.8703,
136.5733, 165.3295

■ 40.6332, 44.7098,
56.7051

157.9015,
170.9461, 205.3900

■ 28.2190, 31.2289,
40.3607

194.9521,
210.6505, 251.4494

■ 18.6321, 20.7732,
27.5040

237.3875,
256.0709, 303.9261

■ 11.5072, 12.9583,
17.7163

285.5730,
307.5916, 363.2389

■ 6.4789, 7.3999,
10.5792

339.8741,

■ 3.1818, 3.7134,

365.5971, 429.8061

5.6740

400.6560,
430.4717, 504.0463

■ 1.2506, 1.5146,
2.5823

■ 0.1458, 0.2990,
0.8833

■ 75.4050, 82.2848,
101.5308

■ 75.4050, 82.2848,
101.5308

■ 66.4582, 74.3664,
100.4752

■ 85.5665, 90.9807,
102.6750

■ 58.6673, 67.1868,
99.5001

■ 93.6706, 98.7626,
103.7499

■ 51.9793, 60.7190,
98.6042

■ 94.0991, 99.6197,
103.8928

■ 46.3339, 54.9301,
97.7843

■ 41.6650, 49.7838,
97.0371

■ 37.8977, 45.2398,
96.3585

■ 34.9459, 41.2514,
95.7443

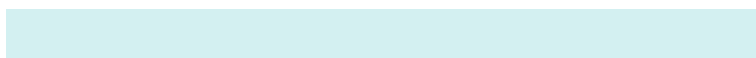
■ 32.7044, 37.7624,
95.1890

■ 31.6182, 35.8777,
94.8825

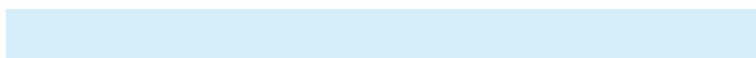
Harmonies

Analogous

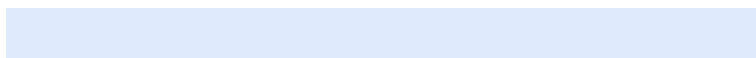
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8375, 82.2848, 95.5672



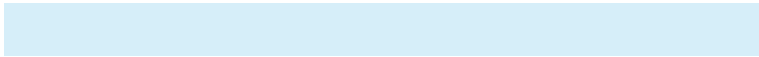
75.4050, 82.2848, 101.5308



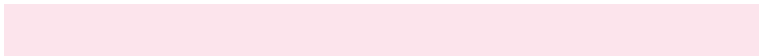
77.7497, 82.2848, 104.3074

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4050, 82.2848, 101.5308



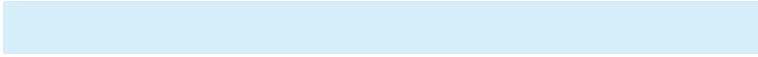
83.1908, 82.2848, 90.9193



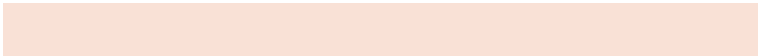
76.1860, 82.2848, 77.4292

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.4050, 82.2848, 101.5308



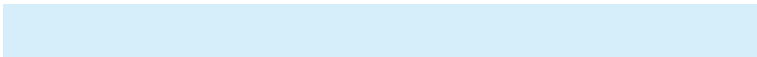
78.1303, 78.8450, 74.7206

Split Complementary

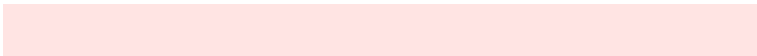
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6706, 82.2848, 76.3340



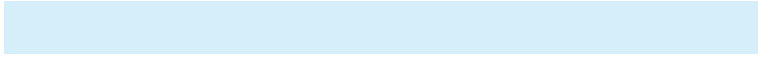
75.4050, 82.2848, 101.5308



82.7503, 82.2848, 83.8753

Square

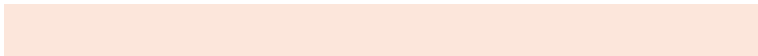
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



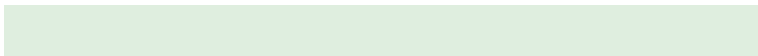
75.4050, 82.2848, 101.5308



82.2731, 82.2848, 97.9716



81.0821, 82.2848, 78.6318



74.2815, 82.2848, 81.7085

Rectangle

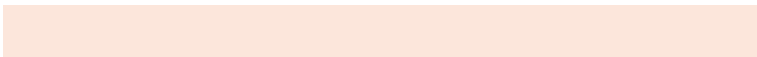
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4050, 82.2848, 101.5308



79.4519, 82.2848, 103.8745



81.0821, 82.2848, 78.6318



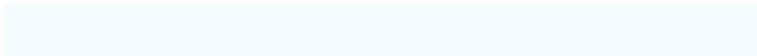
76.9796, 82.2848, 76.6866

Sweetspot

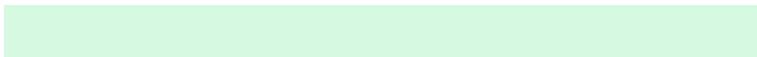
The Sweet Spot groups the original color and five complimentary colors.



75.4074, 82.2882, 101.5326



90.3826, 96.0888, 108.3911



75.1312, 87.4579, 83.7998



19.1628, 20.4128, 23.1800



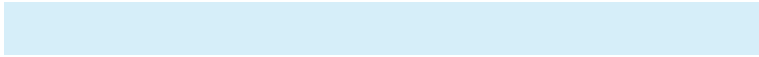
0.0000, 0.0000, 0.0000



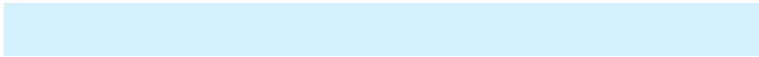
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4074, 82.2882, 101.5326



76.6684, 84.3008, 106.8386



70.6884, 72.8502, 99.9596



17.2789, 18.6347, 22.0715



17.0574, 19.4704, 50.8327



1.6747, 1.9930, 4.7396

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.5480, 74.4077, 91.1151



80.6301, 74.5458, 93.6560



82.9580, 88.5005, 76.3299



17.7473, 17.4263, 20.5252



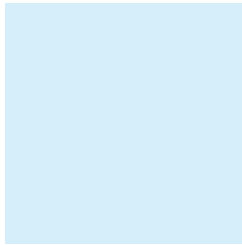
24.9018, 12.3765, 21.9892



2.3542, 1.1654, 2.2887

Previews

White Background



This preview shows how the XYZ color 75.4050, 82.2848, 101.5308 looks on a white background.

Color Contrast Check

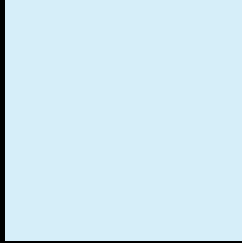
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.4050, 82.2848, 101.5308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

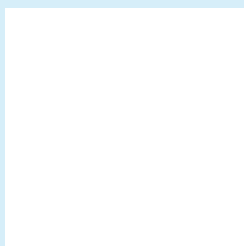
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4050, 82.2848, 101.5308

Background



This preview shows how black text looks on a background with the XYZ color 75.4050, 82.2848, 101.5308.



This preview shows how white text looks on a background with the XYZ color 75.4050, 82.2848,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

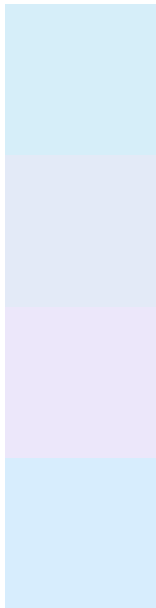




Tritanopia

76.6531, 82.3873, 106.4700

Trichromacy



Original Color

75.4050, 82.2848, 101.5308

Protanomaly

77.8899, 81.8919, 99.6972

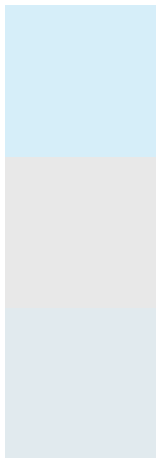
Deuteranomaly

80.4233, 81.8868, 102.0095

Tritanomaly

76.0381, 82.1073, 104.7692

Monochromacy



Original Color

75.4050, 82.2848, 101.5308

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9068, 81.0262, 92.5278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4050, 82.2848, 101.5308 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 238, 249)` looks like.

```
.text, #text, p{  
    color:rgb(214, 238, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 238, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 238, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.4050, 82.2848, 101.5308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 238, 249) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 238, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 238, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 238, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 238, 249);  
box-shadow:4px 4px 4px 4px rgb(214, 238,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4050, 82.2848, 101.5308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 238, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
238, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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