

Converting Colors

XYZ(75.1961, 79.0576,
103.8635)

Have a look what the booklet for
XYZ(75.1961, 79.0576, 103.8635)
contains.

XYZ(75.2190, 79.1491, 104.2413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.2190, 79.1491,
104.2413)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE7FD
RGB	218, 231, 253
RGB Percent	85%, 91%, 99%
CMY	0.1451, 0.0941, 0.0078
CMYK	0.14, 0.09, 0.00, 0.01
HSL	218°, 90%, 92%
HSV	218°, 14%, 99%
XYZ	75.2190, 79.1491, 104.2413
YIQ	229.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

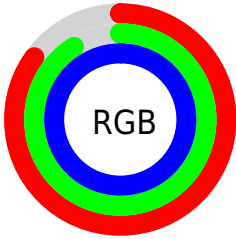
Format	Color
R _Y B	218, 227, 253
Decimal	14346237
CIE Lab	91.30, -0.02, -12.11
CIE LCh	91, 12.114, 269.905
Yxy	79.1491, 0.2909, 0.3061
Android (android.graphics.Color)	4292536317 (0xFFDAE7FD)
YUV	229.6210, 11.5258, -10.1916
Hunter-Lab	88.9658, -4.7715, -7.1941

Details

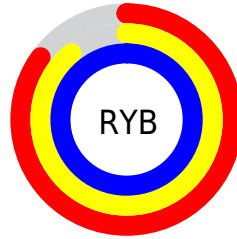
The XYZ color **75.2190, 79.1491, 104.2413** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3235, 88.2645, 78.9238**, and the grayscale version is **74.8611, 78.7598, 85.7694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3980, 42.4320, 58.2855** is the 20% darker color. If you saturate the color by 10%, you get **63.9733, 67.0443, 102.4988**, and if you desaturate by 10%, it is **88.0285, 92.6645, 106.1762**.

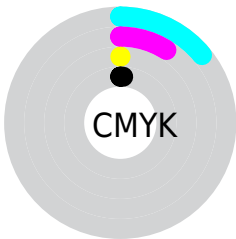
Distribution



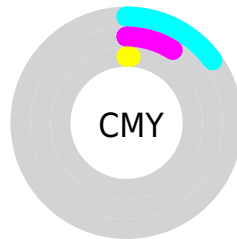
- Red (85%)
- Green (91%)
- Blue (99%)



- Red (85%)
- Yellow (89%)
- Blue (99%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2190, 79.1491, 104.2413 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 75.2190, 79.1491, 104.2413 by changing the saturation by 10% instead.

■ 75.2190, 79.1491,
104.2413

■ 75.2190, 79.1491,
104.2413

467.6556,
492.0606, 595.0692

■ 56.0871, 59.0184,
79.2108

125.6086,
132.1687, 169.0761

■ 40.5101, 42.6279,
58.5468

157.5970,
165.8265, 209.7175

■ 28.1224, 29.5933,
41.8308

194.6016,
204.7620, 256.3995

■ 18.5589, 19.5301,
28.6442

236.9878,
249.3598, 309.5408

■ 11.4541, 12.0539,
18.5686

285.1210,
300.0041, 369.5599

■ 6.4427, 6.7804,
11.1853

339.3664,

■ 3.1593, 3.3252,

357.0794, 436.8753

6.0759

400.0895,
420.9701, 511.9055

■ 1.2385, 1.3038,
2.8217

■ 0.1365, 0.1441,
1.0044

■ 75.2190, 79.1491,
104.2413

■ 75.2190, 79.1491,
104.2413

■ 63.9733, 67.0443,
102.4988

■ 88.0285, 92.6645,
106.1762

■ 54.2216, 56.2918,
100.9373

94.7299, 99.8719,
107.2141

■ 45.8987, 46.8437,
99.5523

■ 38.9318, 38.6450,
98.3370

■ 33.2413, 31.6365,
97.2842

■ 28.7382, 25.7531,
96.3859

■ 25.3207, 20.9220,
95.6335

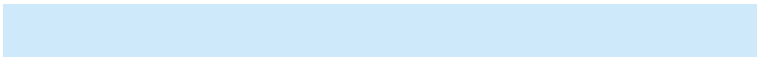
■ 22.8668, 17.0587,
95.0172

■ 21.7319, 15.0961,
94.6982

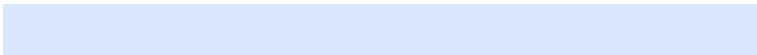
Harmonies

Analogous

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



72.3036, 79.1491, 101.6719



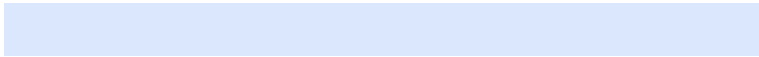
75.2190, 79.1491, 104.2413



78.2145, 79.1491, 101.7034

Triad

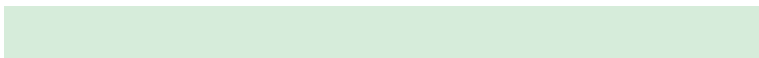
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2190, 79.1491, 104.2413



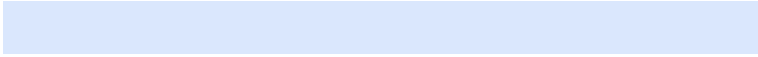
80.4701, 79.1491, 78.0125



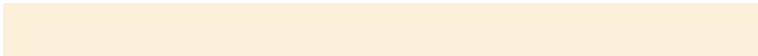
70.2297, 79.1491, 77.9668

Complementary

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



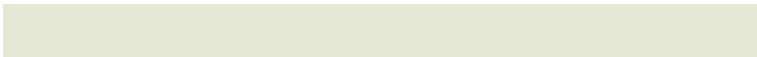
75.2190, 79.1491, 104.2413



84.3235, 88.2645, 78.9238

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.



72.3202, 79.1491, 72.3223



75.2190, 79.1491, 104.2413



78.2320, 79.1491, 72.3474

Square

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



75.2190, 79.1491, 104.2413



81.2960, 79.1491, 86.2081



75.2387, 79.1491, 70.3355



69.4713, 79.1491, 86.1517

Rectangle

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



75.2190, 79.1491, 104.2413



79.8418, 79.1491, 97.5494



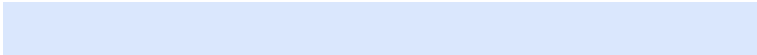
75.2387, 79.1491, 70.3355



70.7971, 79.1491, 75.7301

Sweetspot

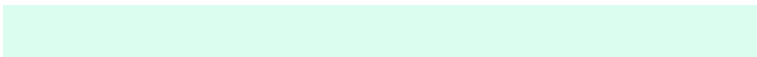
The Sweet Spot groups the original color and five complimentary colors.



75.2214, 79.1524, 104.2431



89.3854, 94.0943, 108.0587



79.7065, 91.4239, 95.5610



18.9105, 19.9080, 23.0959



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.



75.2214, 79.1524, 104.2431



72.7766, 76.5172, 105.5413



72.9524, 72.7792, 103.1325



17.5557, 18.4831, 22.8923



11.6880, 8.2857, 50.4179



1.2385, 1.0076, 4.9425

Inverse Universe

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



80.0051, 76.7968, 86.2116



78.6657, 73.7600, 83.3116



86.8187, 95.4383, 80.1770



18.2884, 18.0987, 20.1359



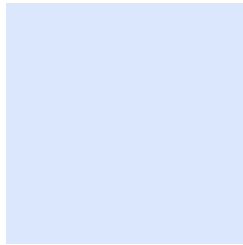
22.6878, 11.5644, 7.0063



2.2597, 1.1463, 0.9492

Previews

White Background



This preview shows how the XYZ color 75.2190, 79.1491, 104.2413 looks on a white background.

Color Contrast Check

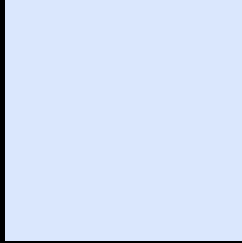
Large Text (above 18pt) WCAG AA × Fail

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 75.2190, 79.1491, 104.2413 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 75.2190, 79.1491, 104.2413

Background



This preview shows how black text looks on a background with the XYZ color 75.2190, 79.1491, 104.2413.



This preview shows how white text looks on a background with the XYZ color 75.2190, 79.1491,

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

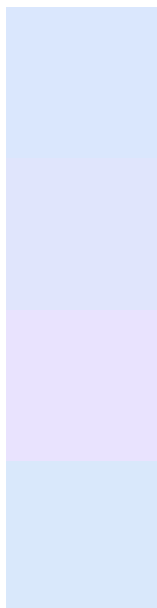




Tritanopia

74.7272, 79.3671, 101.8233

Trichromacy



Original Color

75.2190, 79.1491, 104.2413

Protanomaly

76.3305, 78.9142, 103.3044

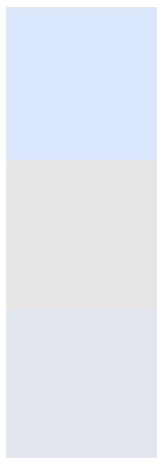
Deuteranomaly

78.9628, 79.4176, 104.9333

Tritanomaly

74.8845, 79.4300, 102.6515

Monochromacy



Original Color

75.2190, 79.1491, 104.2413

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0935, 78.9354, 92.1671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2190, 79.1491, 104.2413 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(218, 231, 253)` looks like.

```
.text, #text, p{  
    color:rgb(218, 231, 253)  
}
```

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(218, 231, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 231, 253) }
```

Border

The CSS property to change the border of an element to XYZ 75.2190, 79.1491, 104.2413 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(218, 231, 253) }
```


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

```
.border{ border-color:rgb(218, 231, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 231, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 231, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 231, 253);  
box-shadow:4px 4px 4px 4px rgb(218, 231,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2190, 79.1491, 104.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 231, 253) }
```

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

```
.background{ background-color: rgb(218,  
231, 253) }
```

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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