

Converting Colors

XYZ(75.3945, 83.6443,
100.0409)

Have a look what the booklet for
XYZ(75.3945, 83.6443, 100.0409)
contains.

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Color

**XYZ(75.3952, 83.6230,
100.1628)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F1F7
RGB	212, 241, 247
RGB Percent	83%, 95%, 97%
CMY	0.1686, 0.0549, 0.0314
CMYK	0.14, 0.02, 0.00, 0.03
HSL	190°, 69%, 90%
HSV	190°, 14%, 97%
XYZ	75.3952, 83.6230, 100.1628
YIQ	233.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

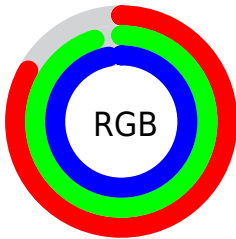
Format	Color
R _Y B	212, 228, 247
Decimal	13955575
CIE Lab	93.29, -8.21, -6.09
CIE LCh	93, 10.224, 216.537
Yxy	83.6230, 0.2909, 0.3226
Android (android.graphics.Color)	4292145655 (0xFFD4F1F7)
YUV	233.0130, 6.8956, -18.4284
Hunter-Lab	91.4456, -12.8599, -0.9300

Details

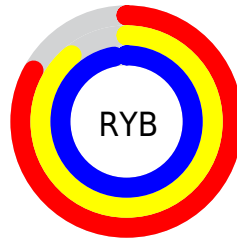
The XYZ color **75.3952, 83.6230, 100.1628** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.3135, 74.6704, 72.7324**, and the grayscale version is **77.4240, 81.4561, 88.7057**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6576, 45.6276, 55.9543** is the 20% darker color. If you saturate the color by 10%, you get **67.5748, 77.7554, 99.4438**, and if you desaturate by 10%, it is **84.3388, 90.1172, 100.9463**.

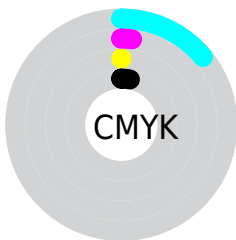
Distribution



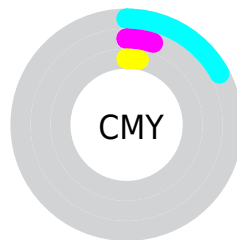
- Red (83%)
- Green (95%)
- Blue (97%)



- Red (83%)
- Yellow (89%)
- Blue (97%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3952, 83.6230, 100.1628 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 75.3952, 83.6230, 100.1628 by changing the saturation by 10% instead.

■ 75.3952, 83.6230,
100.1628

■ 75.3952, 83.6230,
100.1628

468.2511,
507.0605, 581.9656

■ 56.2320, 62.7042,
75.8189

125.8565,
138.4477, 163.4347

■ 40.6267, 45.6020,
55.7782

157.8854,
173.1224, 203.1998

■ 28.2139, 31.9318,
39.6223

194.9336,
213.1512, 248.9423

■ 18.6282, 21.3094,
26.9327

237.3664,
258.9185, 301.0808

■ 11.5044, 13.3504,
17.2907

285.5492,
310.8087, 360.0339

■ 6.4769, 7.6703,
10.2778

339.8473,

■ 3.1806, 3.8847,

369.2061, 426.2200

5.4755

400.6262,
434.4953, 500.0577

■ 1.2500, 1.6093,
2.4653

■ 0.1453, 0.3638,
0.8217

■ 75.3952, 83.6230,
100.1628

■ 75.3952, 83.6230,
100.1628

■ 67.5748, 77.7554,
99.4438

■ 84.3388, 90.1172,
100.9463

■ 60.8208, 72.4783,
98.7811

■ 92.0496, 96.0172,
101.6787

■ 55.0822, 67.7673,
98.1743

■ 93.3758, 98.6696,
102.1207

■ 50.3011, 63.5922,
97.6204

■ 93.7888, 99.4955,
102.2584

■ 46.4134, 59.9197,
97.1164

■ 43.3470, 56.7123,
96.6590

■ 41.0182, 53.9267,
96.2440

■ 39.3250, 51.5097,
95.8668

■ 38.5438, 50.2257,
95.6601

Harmonies

Analogous

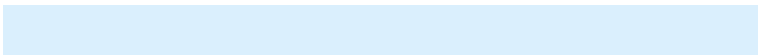
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4498, 83.6230, 92.7489



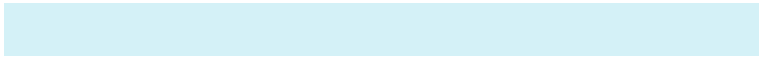
75.3952, 83.6230, 100.1628



77.4384, 83.6230, 105.3347

Triad

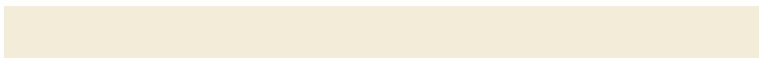
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3952, 83.6230, 100.1628



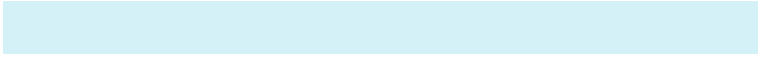
84.3235, 83.6230, 97.0808



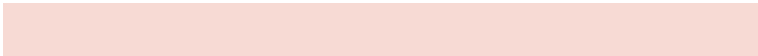
78.8935, 83.6230, 77.1061

Complementary

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



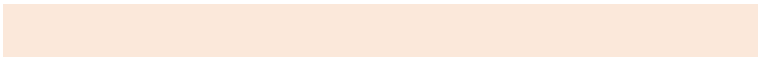
75.3952, 83.6230, 100.1628



75.3135, 74.6704, 72.7324

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.



81.5595, 83.6230, 78.1212



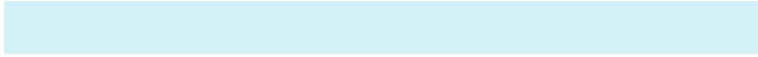
75.3952, 83.6230, 100.1628



84.7342, 83.6230, 89.3744

Square

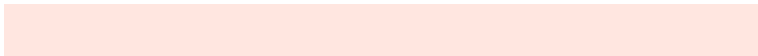
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3952, 83.6230, 100.1628



82.6020, 83.6230, 103.4862



83.7121, 83.6230, 82.5097



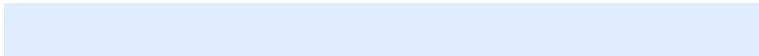
76.4399, 83.6230, 79.6545

Rectangle

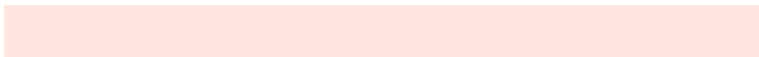
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3952, 83.6230, 100.1628



79.1689, 83.6230, 106.6609



83.7121, 83.6230, 82.5097



79.7942, 83.6230, 77.0441

Sweetspot

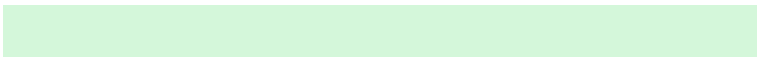
The Sweet Spot groups the original color and five complimentary colors.



75.3976, 83.6265, 100.1647



90.8414, 97.0065, 108.5440



73.0468, 85.5733, 78.8843



19.2792, 20.6456, 23.2188



0.0000, 0.0000, 0.0000



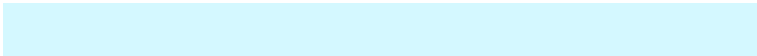
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3976, 83.6265, 100.1647



78.5367, 88.0373, 107.4613



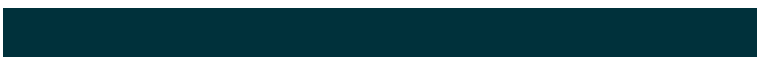
70.5076, 73.8464, 98.5347



16.7410, 18.2462, 21.1821



20.4767, 26.7472, 50.6215



1.8621, 2.4755, 4.4699

Inverse Universe

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



77.7804, 73.2139, 93.2552



81.5731, 74.9230, 98.6218



80.0468, 84.1369, 74.3101



17.0846, 16.7167, 20.1920



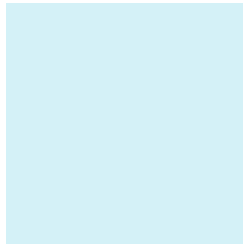
26.1402, 12.7995, 31.7764



2.3289, 1.1375, 2.9586

Previews

White Background



This preview shows how the XYZ color 75.3952, 83.6230, 100.1628 looks on a white background.

Color Contrast Check

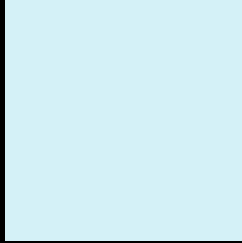
Large Text (above 18pt) WCAG AA × Fail

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 75.3952, 83.6230, 100.1628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

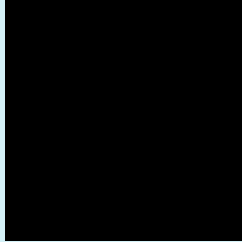
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3952, 83.6230, 100.1628

Background



This preview shows how black text looks on a background with the XYZ color 75.3952, 83.6230, 100.1628.

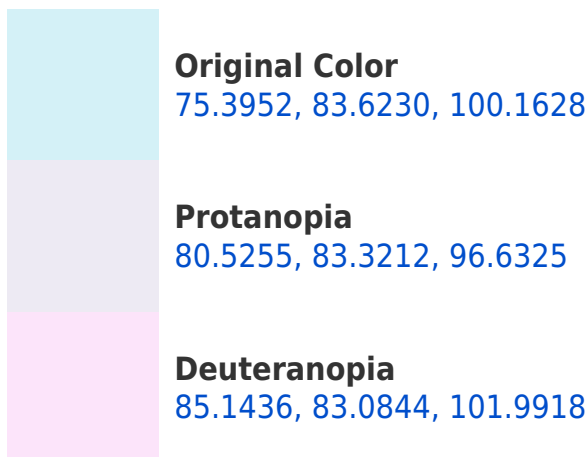


This preview shows how white text looks on a background with the XYZ color 75.3952, 83.6230,

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

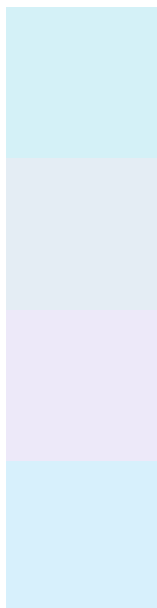




Tritanopia

77.5318, 83.7047, 106.6780

Trichromacy



Original Color

75.3952, 83.6230, 100.1628

Protanomaly

78.6082, 83.5940, 97.5801

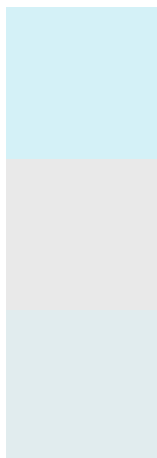
Deuteranomaly

81.1628, 83.1219, 101.3889

Tritanomaly

76.7551, 83.7955, 104.2242

Monochromacy



Original Color

75.3952, 83.6230, 100.1628

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.4794, 82.1715, 92.7187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3952, 83.6230, 100.1628 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(212, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 241, 247)  
}
```

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(212, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 241, 247) }
```

Border

The CSS property to change the border of an element to XYZ 75.3952, 83.6230, 100.1628 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(212, 241, 247) }
```


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

```
.border{ border-color:rgb(212, 241, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 241, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 241,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3952, 83.6230, 100.1628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 241, 247) }
```

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

```
.background{ background-color: rgb(212,  
241, 247) }
```

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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