

Converting Colors

XYZ(41.1912, 53.4749, 72.8781)

Have a look what the booklet for
XYZ(41.1912, 53.4749, 72.8781)
contains.

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Color

**XYZ(41.3795, 53.7469,
73.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	6CD1D8
RGB	108, 209, 216
RGB Percent	42%, 82%, 85%
CMY	0.5764, 0.1804, 0.1529
CMYK	0.50, 0.03, 0.00, 0.15
HSL	184°, 58%, 64%
HSV	184°, 50%, 85%
XYZ	41.3795, 53.7469, 73.1590
YIQ	179.5990, -62.4430, -19.2350

Conversions

Conversions Part 2

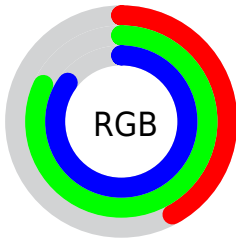
Format	Color
RYB	108, 160, 216
Decimal	7131608
CIELab	78.31, -27.57, -12.56
CIELCh	78, 30.299, 204.495
Yxy	53.7469, 0.2459, 0.3194
Android (android.graphics.Color)	4285321688 (0xFF6CD1D8)
YUV	179.5990, 17.9457, -62.7923
Hunter-Lab	73.3123, -27.5461, -7.8474

Details

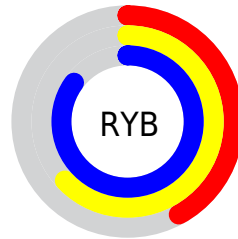
The XYZ color **41.3795, 53.7469, 73.1590** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.1575, 27.9443, 17.6243**, and the grayscale version is **43.1000, 45.3446, 49.3802**.

A 20% lighter version of the original color is **69.5359, 86.8470, 107.7060**, and **19.0273, 26.2199, 37.7763** is the 20% darker color. If you saturate the color by 10%, you get **38.7294, 51.8744, 72.9382**, and if you desaturate by 10%, it is **44.6866, 55.9651, 73.4138**.

Distribution



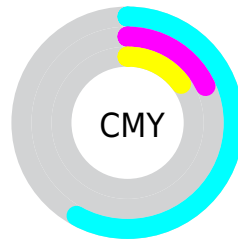
- Red (42%)
- Green (82%)
- Blue (85%)



- Red (42%)
- Yellow (63%)
- Blue (85%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3795, 53.7469, 73.1590 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 41.3795, 53.7469, 73.1590 by changing the saturation by 10% instead.

■ 41.3795, 53.7469,
73.1590

■ 41.3795, 53.7469,
73.1590

342.9398,
401.1441, 490.6512

■ 28.8047, 38.3994,
53.6134

■ 76.5307, 95.7025,
125.4259

■ 19.0767, 26.2928,
37.9016

■ 99.8379, 123.0794,
158.9843

■ 11.8300, 17.0428,
25.6051

■ 127.4532,
155.2348, 198.0506

■ 6.6994, 10.2650,
16.3053

159.7421,
192.5532, 243.0435

■ 3.3195, 5.5750,
9.5838

197.0698,
235.4189, 294.3815

■ 1.3249, 2.5884,
5.0219

239.8017,

■ 0.2017, 0.9209,

284.2164, 352.4831

2.2011

288.3033,
339.3300, 417.7668

■ 0.0000, 0.0000,
0.6750

■ 0.0000, 0.0000,
0.0000

■ 41.3795, 53.7469,
73.1590

■ 41.3795, 53.7469,
73.1590

■ 38.7294, 51.8744,
72.9382

■ 44.6866, 55.9651,
73.4138

■ 36.6824, 50.3160,
72.7453

■ 48.6898, 58.5453,
73.7008

■ 35.1842, 49.0450,
72.5789

■ 53.4307, 61.5104,
74.0233

■ 34.1687, 48.0273,
72.4360

■ 58.9466, 64.8795,
74.3829

■ 33.5166, 47.2013,
72.3110

■ 65.2719, 68.6704,
74.7812

■ 33.5164, 47.2011,
72.3109

■ 72.4391, 72.8999,
75.2198

■ 78.9145, 76.7772,
75.6269

■ 79.2808, 77.5098,
75.7490

■ 79.6501, 78.2485,
75.8722

Harmonies

Analogous

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



40.5378, 53.7469, 55.4386



41.3795, 53.7469, 73.1590



44.7339, 53.7469, 89.3951

Triad

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



41.3795, 53.7469, 73.1590



60.9589, 53.7469, 79.6504



52.1885, 53.7469, 31.6252

Complementary

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



41.3795, 53.7469, 73.1590



37.1575, 27.9443, 17.6243

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.



58.0100, 53.7469, 35.7261



41.3795, 53.7469, 73.1590



63.3189, 53.7469, 61.7161

Square

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



41.3795, 53.7469, 73.1590



55.9685, 53.7469, 93.6228



62.2001, 53.7469, 45.9791



46.4938, 53.7469, 33.5149

Rectangle

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



41.3795, 53.7469, 73.1590



48.0917, 53.7469, 96.0420



62.2001, 53.7469, 45.9791



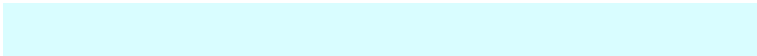
54.1996, 53.7469, 32.3200

Sweetspot

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



41.3811, 53.7490, 73.1603



81.5654, 91.8822, 108.0438



33.7447, 53.5023, 24.2911



17.0989, 19.4464, 23.1023



0.0000, 0.0000, 0.0000



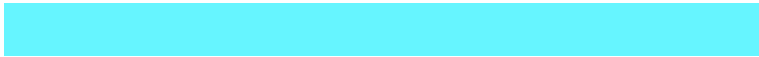
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3811, 53.7490, 73.1603



56.2078, 75.4014, 106.1992



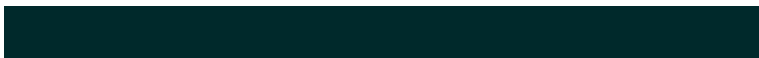
30.5699, 32.1265, 69.5565



12.7201, 13.9636, 15.9623



19.8689, 27.9996, 42.8104



1.2196, 1.7313, 2.5892

Inverse Universe

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



45.1915, 29.9290, 63.7188



62.4859, 37.3605, 90.3727



44.9191, 43.4674, 20.2114



12.9167, 12.6182, 15.5014



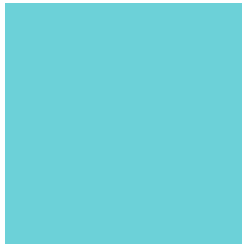
23.0878, 11.1714, 34.0958



1.4033, 0.6781, 2.1130

Previews

White Background



This preview shows how the XYZ color 41.3795, 53.7469, 73.1590 looks on a white background.

Color Contrast Check

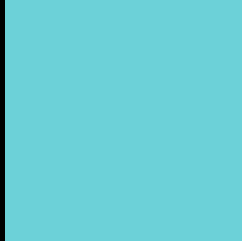
Large Text (above 18pt) WCAG AA × Fail

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 41.3795, 53.7469, 73.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

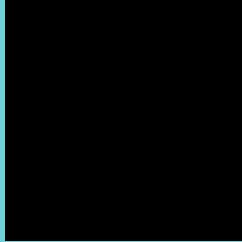
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3795, 53.7469, 73.1590

Background



This preview shows how black text looks on a background with the XYZ color 41.3795, 53.7469, 73.1590.

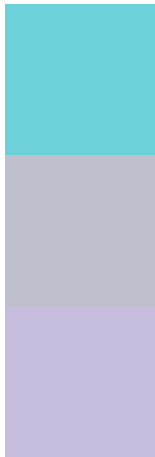


This preview shows how white text looks on a background with the XYZ color 41.3795, 53.7469,

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



Original Color

41.3795, 53.7469, 73.1590

Protanopia

51.3885, 52.8758, 65.2552

Deuteranopia

54.3231, 53.1927, 75.8107



Tritanopia

42.5660, 53.8731, 78.6761

Trichromacy



Original Color

41.3795, 53.7469, 73.1590

Protanomaly

46.4006, 52.5687, 68.0228

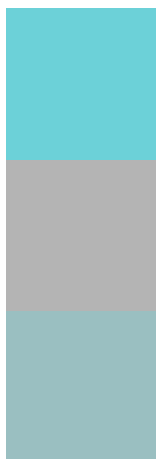
Deuteranomaly

48.0432, 52.5937, 74.6373

Tritanomaly

42.0374, 53.6472, 76.5460

Monochromacy



Original Color

41.3795, 53.7469, 73.1590

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.5829, 47.9819, 57.5219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3795, 53.7469, 73.1590 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(108, 209, 216)` looks like.

```
.text, #text, p{  
    color:rgb(108, 209, 216)  
}
```

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(108, 209, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 209, 216) }
```

Border

The CSS property to change the border of an element to XYZ 41.3795, 53.7469, 73.1590 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(108, 209, 216) }
```


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

```
.border{ border-color:rgb(108, 209, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 209, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 209, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 209, 216);  
box-shadow:4px 4px 4px 4px rgb(108, 209,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3795, 53.7469, 73.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 209, 216) }
```

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

```
.background{ background-color: rgb(108,  
209, 216) }
```

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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