

Converting Colors

XYZ(42.5707, 54.7330, 71.3066)

Have a look what the booklet for
XYZ(42.5707, 54.7330, 71.3066)
contains.

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Color

**XYZ(42.5280, 54.7488,
71.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	76D2D5
RGB	118, 210, 213
RGB Percent	46%, 82%, 84%
CMY	0.5372, 0.1765, 0.1647
CMYK	0.45, 0.01, 0.00, 0.16
HSL	182°, 53%, 65%
HSV	182°, 45%, 84%
XYZ	42.5280, 54.7488, 71.2769
YIQ	182.8340, -55.7950, -18.5710

Conversions

Conversions Part 2

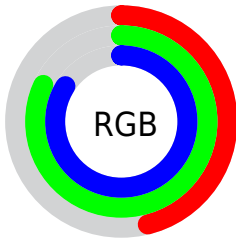
Format	Color
R _Y B	118, 165, 213
Decimal	7787221
CIE Lab	78.90, -26.61, -10.04
CIE LCh	79, 28.441, 200.678
Yxy	54.7488, 0.2523, 0.3248
Android (android.graphics.Color)	4285977301 (0xFF76D2D5)
YUV	182.8340, 14.8718, -56.8594
Hunter-Lab	73.9924, -26.8918, -5.3193

Details

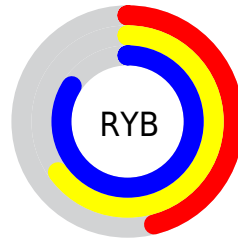
The XYZ color **42.5280, 54.7488, 71.2769** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.5488, 29.1296, 20.7843**, and the grayscale version is **44.8632, 47.1995, 51.4003**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **19.6965, 26.8411, 36.4905** is the 20% darker color. If you saturate the color by 10%, you get **39.7905, 53.0930, 71.1025**, and if you desaturate by 10%, it is **45.9225, 56.7469, 71.4846**.

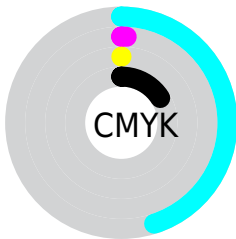
Distribution



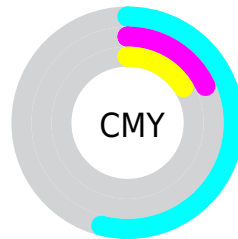
- Red (46%)
- Green (82%)
- Blue (84%)



- Red (46%)
- Yellow (65%)
- Blue (84%)



- Cyan (45%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5280, 54.7488, 71.2769 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 42.5280, 54.7488, 71.2769 by changing the saturation by 10% instead.

42.5280, 54.7488,
71.2769

42.5280, 54.7488,
71.2769

347.6216,
404.9590, 483.9305

29.7079, 39.2006,
52.0850

78.2583, 97.1728,
122.7261

19.7639, 26.9158,
36.6901

101.8991,
124.8175, 155.8204

12.3308, 17.5100,
24.6737

129.8776,
157.2630, 194.3859

7.0432, 10.5988,
15.6173

162.5590,
194.8940, 238.8411

3.5357, 5.7977,
9.1024

200.3088,
238.0946, 289.6047

1.4430, 2.7225,
4.7103

243.4922,

0.2865, 0.9886,

287.2494, 347.0951

2.0226

292.4747,
342.7428, 411.7309

■ 0.0000, 0.0000,
0.5691

■ 0.0000, 0.0000,
0.0000

■ 42.5280, 54.7488,
71.2769

■ 42.5280, 54.7488,
71.2769

■ 39.7905, 53.0930,
71.1025

■ 45.9225, 56.7469,
71.4846

■ 37.6607, 51.7502,
70.9556

■ 50.0095, 59.1018,
71.7237

■ 36.0900, 50.6967,
70.8350

■ 54.8277, 61.8346,
71.9973

■ 35.0205, 49.9026,
70.7381

■ 60.4117, 64.9632,
72.3069

■ 34.3815, 49.3315,
70.6616

■ 66.7936, 68.5043,
72.6540

■ 34.1491, 49.0815,
70.6256

■ 74.0039, 72.4734,
73.0401

■ 77.4768, 74.5169,
73.2515

■ 77.6480, 74.8593,
73.3085

■ 77.8199, 75.2032,
73.3659

Harmonies

Analogous

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



42.0439, 54.7488, 54.7170



42.5280, 54.7488, 71.2769



45.4573, 54.7488, 87.0397

Triad

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



42.5280, 54.7488, 71.2769



60.8940, 54.7488, 81.5609



53.8153, 54.7488, 33.8969

Complementary

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



42.5280, 54.7488, 71.2769



37.5488, 29.1296, 20.7843

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.



59.2230, 54.7488, 38.6524



42.5280, 54.7488, 71.2769



63.5001, 54.7488, 64.7909

Square

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



42.5280, 54.7488, 71.2769



55.9649, 54.7488, 93.6829



62.8674, 54.7488, 49.2950



48.2975, 54.7488, 35.0014

Rectangle

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



42.5280, 54.7488, 71.2769



48.5275, 54.7488, 94.0233



62.8674, 54.7488, 49.2950



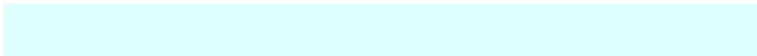
55.7119, 54.7488, 34.8253

Sweetspot

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



42.5296, 54.7509, 71.2782



83.5554, 93.5803, 108.2667



34.6315, 52.7871, 26.0019



17.5097, 19.8190, 23.1525



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.



42.5296, 54.7509, 71.2782



59.8158, 79.8014, 106.8583



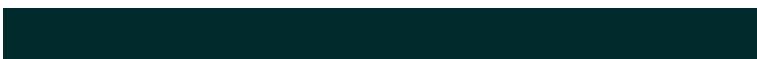
32.7432, 35.1781, 68.0160



12.7570, 14.0375, 15.9747



20.8744, 30.0105, 43.1456



1.2698, 1.8316, 2.6059

Inverse Universe

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



45.5532, 31.7575, 64.7040



64.9945, 40.9959, 95.4689



44.5457, 43.1234, 23.1166



12.9353, 12.6256, 15.5996



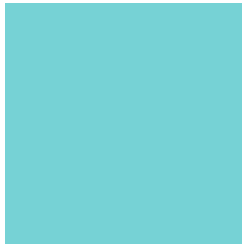
23.5953, 11.3744, 36.7683



1.4286, 0.6882, 2.2463

Previews

White Background



This preview shows how the XYZ color 42.5280, 54.7488, 71.2769 looks on a white background.

Color Contrast Check

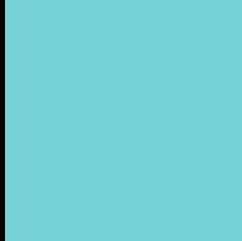
Large Text (above 18pt) WCAG AA × Fail

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 42.5280, 54.7488, 71.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

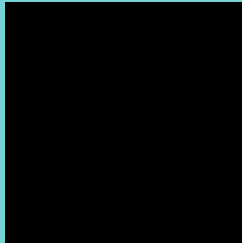
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5280, 54.7488, 71.2769

Background



This preview shows how black text looks on a background with the XYZ color 42.5280, 54.7488, 71.2769.



This preview shows how white text looks on a background with the XYZ color 42.5280, 54.7488,

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

42.5280, 54.7488, 71.2769

Protanopia

52.3551, 54.0538, 64.1739

Deuteranopia

55.0791, 53.9615, 73.1583



Tritanopia

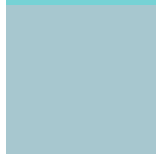
44.1725, 54.6856, 79.4614

Trichromacy



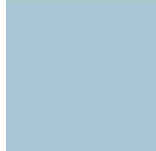
Original Color

42.5280, 54.7488, 71.2769



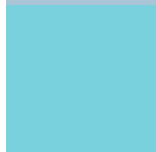
Protanomaly

47.6223, 53.5673, 66.8611



Deuteranomaly

49.1555, 53.5483, 72.7108



Tritanomaly

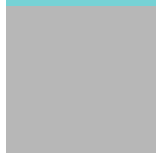
43.7368, 54.8863, 76.6956

Monochromacy



Original Color

42.5280, 54.7488, 71.2769



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

43.1056, 49.4059, 58.3033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5280, 54.7488, 71.2769 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(118, 210, 213)` looks like.

```
.text, #text, p{  
    color:rgb(118, 210, 213)  
}
```

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(118, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 210, 213) }
```

Border

The CSS property to change the border of an element to XYZ 42.5280, 54.7488, 71.2769 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(118, 210, 213) }
```


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

```
.border{ border-color:rgb(118, 210, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 210, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(118, 210,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5280, 54.7488, 71.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 210, 213) }
```

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

```
.background{ background-color: rgb(118,  
210, 213) }
```

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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