

Converting Colors

XYZ(30.0213, 42.7265, 39.9247)

Have a look what the booklet for
XYZ(30.0213, 42.7265, 39.9247)
contains.

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Color

**XYZ(30.0187, 42.7241,
39.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	60C0A0
RGB	96, 192, 160
RGB Percent	38%, 75%, 63%
CMY	0.6235, 0.2470, 0.3725
CMYK	0.50, 0.00, 0.17, 0.25
HSL	160°, 43%, 56%
HSV	160°, 50%, 75%
XYZ	30.0187, 42.7241, 39.9221
YIQ	159.6480, -46.9440, -30.3040

Conversions

Conversions Part 2

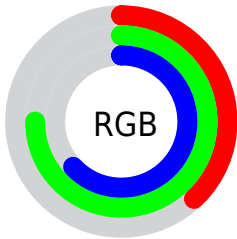
Format	Color
RYB	96, 154, 192
Decimal	6340768
CIELab	71.37, -36.08, 7.49
CIElCh	71, 36.849, 168.277
Yxy	42.7241, 0.2664, 0.3792
Android (android.graphics.Color)	4284530848 (0xFF60C0A0)
YUV	159.6480, 0.1735, -55.8193
Hunter-Lab	65.3637, -32.4091, 9.5421

Details

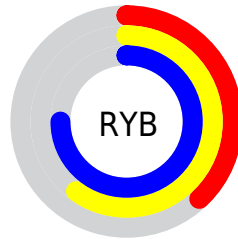
The XYZ color **30.0187, 42.7241, 39.9221** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **29.8189, 21.1319, 22.9311**, and the grayscale version is **33.2673, 34.9998, 38.1148**.

A 20% lighter version of the original color is **59.0903, 79.3331, 76.4884**, and **12.5419, 19.6384, 17.5976** is the 20% darker color. If you saturate the color by 10%, you get **27.6946, 41.5901, 36.9660**, and if you desaturate by 10%, it is **32.8673, 44.1273, 43.0552**.

Distribution



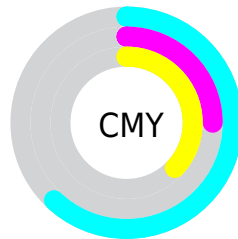
- Red (38%)
- Green (75%)
- Blue (63%)



- Red (38%)
- Yellow (60%)
- Blue (75%)



- Cyan (50%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)





- Cyan (62%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0187, 42.7241, 39.9221 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 30.0187, 42.7241, 39.9221 by changing the saturation by 10% instead.


 30.0187, 42.7241,
39.9221


 30.0187, 42.7241,
39.9221


293.8999,
357.4759, 361.3375


 20.0009, 29.6687,
27.1645


 59.0782, 79.2944,
76.2807


 12.5040, 19.5873,
17.4633


 78.8506, 103.5780,
100.7187

 7.1625, 12.0954,
10.3999


 102.6053,
132.3732, 129.8873

 3.6112, 6.8087,
5.5558

 130.7075,
166.0643, 164.2050

 1.4846, 3.3427,
2.5126

163.5228,
205.0357, 204.0903

 0.3153, 1.3132,
0.8468

201.4163,

 0.0000, 0.1514,

249.6719, 249.9618

0.0000

244.7536,
300.3571, 302.2380

■ 0.0000, 0.0000,
0.0000

■ 30.0187, 42.7241,
39.9221

■ 30.0187, 42.7241,
39.9221

■ 27.6946, 41.5901,
36.9660

■ 32.8673, 44.1273,
43.0552

■ 25.8545, 40.7013,
34.1798

■ 36.2701, 45.8118,
46.3659

■ 24.4575, 40.0376,
31.5604


■ 40.2588, 47.7949,
49.8590


■ 23.4539, 39.5736,
29.1030


■ 44.8616, 50.0910,
53.5377

■ 22.7466, 39.2592,
26.8007


■ 50.1047, 52.7138,
57.4054

 22.7465, 39.2592,
26.8005

 56.0130, 55.6759,
61.4653

 62.6098, 58.9893,
65.7203

 69.9173, 62.6655,
70.1736

 72.6937, 64.0020,
74.5818

Harmonies

Analogous

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



32.3448, 42.7241, 27.2970



30.0187, 42.7241, 39.9221



30.3080, 42.7241, 58.0684

Triad

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



30.0187, 42.7241, 39.9221



44.4623, 42.7241, 87.0492



49.0692, 42.7241, 25.4077

Complementary

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



30.0187, 42.7241, 39.9221



29.8189, 21.1319, 22.9311

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.



53.0113, 42.7241, 36.6130



30.0187, 42.7241, 39.9221



50.1707, 42.7241, 73.1396

Square

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



30.0187, 42.7241, 39.9221



38.2339, 42.7241, 88.5924



53.4338, 42.7241, 53.8059



43.0784, 42.7241, 20.4594

Rectangle

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



30.0187, 42.7241, 39.9221



31.9506, 42.7241, 71.0342



53.4338, 42.7241, 53.8059



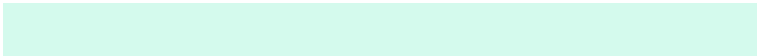
50.7030, 42.7241, 28.4139

Sweetspot

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



30.0199, 42.7258, 39.9231



76.7709, 88.5060, 93.4679



30.1070, 43.2598, 17.8303



16.0965, 18.8013, 19.7501



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.0199, 42.7258, 39.9231



49.8213, 75.1824, 66.4786



30.1806, 37.9760, 55.6105



10.2212, 11.3695, 12.1680



15.3427, 26.4312, 18.2297



0.6938, 1.1544, 0.9503

Inverse Universe

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



29.8189, 21.1319, 22.9311



49.4423, 31.6124, 32.3259



29.4701, 23.2906, 14.0095



10.2086, 10.1320, 11.1890



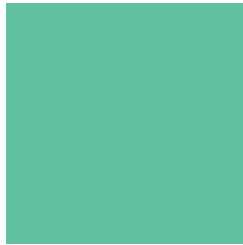
15.2829, 7.8029, 4.1359



0.6927, 0.3501, 0.3492

Previews

White Background



This preview shows how the XYZ color 30.0187, 42.7241, 39.9221 looks on a white background.

Color Contrast Check

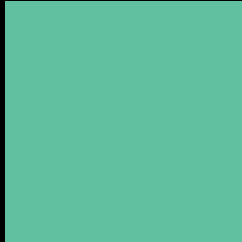
Large Text (above 18pt) WCAG AA × Fail

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 30.0187, 42.7241, 39.9221 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

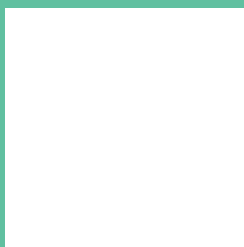
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0187, 42.7241, 39.9221

Background



This preview shows how black text looks on a background with the XYZ color 30.0187, 42.7241, 39.9221.



This preview shows how white text looks on a background with the XYZ color 30.0187, 42.7241,

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

30.0187, 42.7241, 39.9221

Protanopia

39.7400, 42.0342, 34.8731

Deuteranopia

43.0423, 42.1912, 41.4725



Tritanopia

34.2859, 42.5230, 61.6590

Trichromacy



Original Color

30.0187, 42.7241, 39.9221



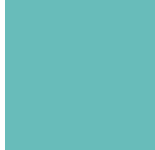
Protanomaly

34.9165, 41.5549, 36.7525



Deuteranomaly

36.4336, 41.3577, 40.7129



Tritanomaly

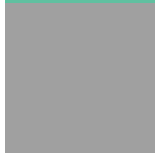
32.5551, 42.4547, 52.9331

Monochromacy



Original Color

30.0187, 42.7241, 39.9221



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

31.4142, 37.3615, 38.8135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0187, 42.7241, 39.9221 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(96, 192, 160)` looks like.

```
.text, #text, p{  
    color:rgb(96, 192, 160)  
}
```

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(96, 192, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 192, 160) }
```

Border

The CSS property to change the border of an element to XYZ 30.0187, 42.7241, 39.9221 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(96, 192, 160) }
```


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

```
.border{ border-color:rgb(96, 192, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 192, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 192, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 192, 160);  
box-shadow:4px 4px 4px 4px rgb(96, 192,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0187, 42.7241, 39.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 192, 160) }
```

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

```
.background{ background-color: rgb(96, 192,  
160) }
```

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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