

Converting Colors

XYZ(47.2508, 53.3704, 66.6847)

Have a look what the booklet for
XYZ(47.2508, 53.3704, 66.6847)
contains.

XYZ(47.2030, 53.3512, 66.8414)	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(47.2030, 53.3512,
66.8414)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C7CF
RGB	165, 199, 207
RGB Percent	65%, 78%, 81%
CMY	0.3529, 0.2196, 0.1882
CMYK	0.20, 0.04, 0.00, 0.19
HSL	191°, 30%, 73%
HSV	191°, 20%, 81%
XYZ	47.2030, 53.3512, 66.8414
YIQ	189.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

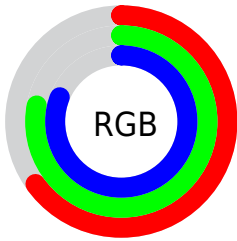
Format	Color
R_{YB}	165, 184, 207
Decimal	10864591
CIE _{Lab}	78.08, -9.57, -7.77
CIE _{LCh}	78, 12.325, 219.067
Yxy	53.3512, 0.2820, 0.3187
Android (android.graphics.Color)	4289054671 (0xFFA5C7CF)
YUV	189.7460, 8.5062, -21.7022
Hunter-Lab	73.0419, -12.4685, -3.1276

Details

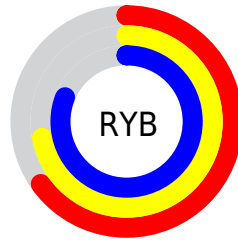
The XYZ color **47.2030, 53.3512, 66.8414** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4678, 45.8693, 41.9503**, and the grayscale version is **48.7608, 51.3001, 55.8659**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **22.5573, 25.9955, 33.9657** is the 20% darker color. If you saturate the color by 10%, you get **42.3462, 49.5198, 66.3587**, and if you desaturate by 10%, it is **52.7833, 57.5932, 67.3669**.

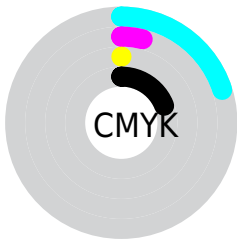
Distribution



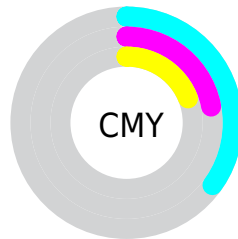
- Red (65%)
- Green (78%)
- Blue (81%)



- Red (65%)
- Yellow (72%)
- Blue (81%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (35%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2030, 53.3512, 66.8414 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 47.2030, 53.3512, 66.8414 by changing the saturation by 10% instead.

■ 47.2030, 53.3512,
66.8414

■ 47.2030, 53.3512,
66.8414

366.2596,
399.6311, 467.8661

■ 33.4048, 38.0832,
48.4950

■ 85.2335, 95.1210,
116.3316

■ 22.5974, 26.0473,
33.8562

■ 110.1964,
122.3915, 148.3125

■ 14.4156, 16.8590,
22.5067

139.6116,
154.4317, 185.6752

■ 8.4939, 10.1340,
14.0278

173.8445,
191.6259, 228.8384

■ 4.4670, 5.4879,
8.0011

213.2604,
234.3586, 278.2205

■ 1.9696, 2.5363,
4.0078

258.2247,

■ 0.6168, 0.8947,

283.0141, 334.2402

1.6296

309.1026,
337.9768, 397.3159

■ 0.0000, 0.0000,
0.3118

■ 0.0000, 0.0000,
0.0000

■ 47.2030, 53.3512,
66.8414

■ 47.2030, 53.3512,
66.8414

■ 42.3462, 49.5198,
66.3587

■ 52.7833, 57.5932,
67.3669

■ 38.1746, 46.0749,
65.9136

■ 59.1137, 62.2557,
67.9332

■ 34.6533, 42.9996,
65.5056

■ 66.2254, 67.3563,
68.5429

■ 31.7424, 40.2730,
65.1328

■ 74.1463, 72.9096,
69.1974

■ 29.3976, 37.8721,
64.7930

■ 77.7591, 76.2780,
69.6571

■ 27.5682, 35.7705,
64.4837

■ 78.7979, 78.3556,
70.0034

■ 26.1942, 33.9368,
64.2022

■ 79.8612, 80.4822,
70.3578

■ 25.1888, 32.3574,
63.9503

■ 80.9491, 82.6581,
70.7204

■ 82.0619, 84.8836,
71.0914

Harmonies

Analogous

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



46.2786, 53.3512, 60.2021



47.2030, 53.3512, 66.8414



49.0747, 53.3512, 71.3562

Triad

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



47.2030, 53.3512, 66.8414



55.1508, 53.3512, 62.9509



49.9836, 53.3512, 45.9710

Complementary

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



47.2030, 53.3512, 66.8414



47.4678, 45.8693, 41.9503

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.



52.3786, 53.3512, 46.5799



47.2030, 53.3512, 66.8414



55.4129, 53.3512, 56.0287

Square

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



47.2030, 53.3512, 66.8414



53.6787, 53.3512, 68.9896



54.3838, 53.3512, 50.1386



47.8503, 53.3512, 48.4042

Rectangle

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



47.2030, 53.3512, 66.8414



50.6334, 53.3512, 72.3613



54.3838, 53.3512, 50.1386



50.7841, 53.3512, 45.8311

Sweetspot

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



47.2046, 53.3534, 66.8426



88.7210, 95.3680, 108.3395



45.3447, 55.6315, 47.7323



18.8484, 20.3081, 23.1764



0.0000, 0.0000, 0.0000



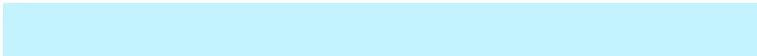
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2046, 53.3534, 66.8426



72.4012, 82.9717, 106.8069



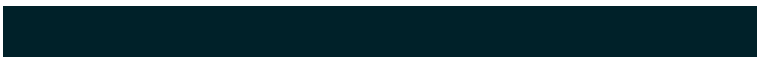
42.7608, 44.4658, 65.3613



11.9591, 13.0084, 15.1242



15.9357, 20.5181, 40.3130



0.9415, 1.2481, 2.2709

Inverse Universe

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



49.4973, 44.3005, 59.9774



76.7174, 66.2466, 93.8121



51.7497, 54.4332, 43.3776



12.2102, 11.9688, 14.3829



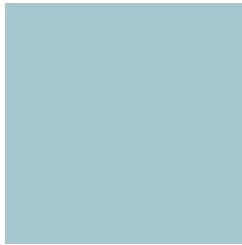
20.6743, 10.1426, 24.2550



1.1814, 0.5773, 1.4903

Previews

White Background



This preview shows how the XYZ color 47.2030, 53.3512, 66.8414 looks on a white background.

Color Contrast Check

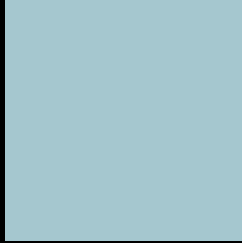
Large Text (above 18pt) WCAG AA × Fail

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 47.2030, 53.3512, 66.8414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

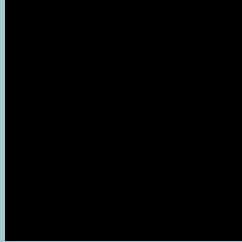
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2030, 53.3512, 66.8414

Background



This preview shows how black text looks on a background with the XYZ color 47.2030, 53.3512, 66.8414.



This preview shows how white text looks on a background with the XYZ color 47.2030, 53.3512,

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

47.2030, 53.3512, 66.8414

Protanopia

51.5026, 53.3010, 63.4508

Deuteranopia

54.1808, 52.9815, 67.6924



Tritanopia

48.0576, 53.3502, 71.3830

Trichromacy



Original Color

47.2030, 53.3512, 66.8414

Protanomaly

49.9426, 53.4571, 64.8127

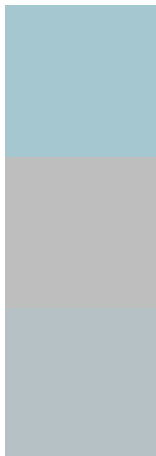
Deuteranomaly

51.2512, 52.7628, 67.1575

Tritanomaly

47.6778, 53.1983, 69.3834

Monochromacy



Original Color

47.2030, 53.3512, 66.8414

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.0898, 51.9492, 59.7171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2030, 53.3512, 66.8414 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(165, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(165, 199, 207)  
}
```

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(165, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 199, 207) }
```

Border

The CSS property to change the border of an element to XYZ 47.2030, 53.3512, 66.8414 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(165, 199, 207) }
```


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

```
.border{ border-color:rgb(165, 199, 207) }
```

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

Here you see how a box with a 4 pixel rgb(165, 199, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(165, 199,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2030, 53.3512, 66.8414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 199, 207) }
```

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

```
.background{ background-color: rgb(165,  
199, 207) }
```

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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