

Converting Colors

XYZ(47.2088, 52.0478, 64.6848)

Have a look what the booklet for
XYZ(47.2088, 52.0478, 64.6848)
contains.

XYZ(47.2088, 52.0478, 64.6848)	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(47.2088, 52.0478,
64.6848)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC3CC
RGB	171, 195, 204
RGB Percent	67%, 76%, 80%
CMY	0.3294, 0.2353, 0.2000
CMYK	0.16, 0.04, 0.00, 0.20
HSL	196°, 24%, 74%
HSV	196°, 16%, 80%
XYZ	47.2088, 52.0478, 64.6848
YIQ	188.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

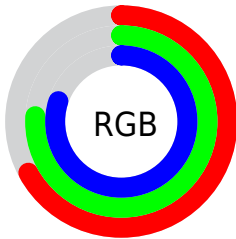
Format	Color
R _Y B	171, 185, 204
Decimal	11256780
CIE Lab	77.31, -6.22, -7.25
CIE LCh	77, 9.556, 229.362
Yxy	52.0478, 0.2880, 0.3175
Android (android.graphics.Color)	4289446860 (0xFFABC3CC)
YUV	188.8500, 7.4690, -15.6544
Hunter-Lab	72.1442, -9.4477, -2.6588

Details

The XYZ color **47.2088, 52.0478, 64.6848** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5742, 48.4201, 45.3150**, and the grayscale version is **48.2510, 50.7638, 55.2818**.

A 20% lighter version of the original color is **84.5390, 93.1717, 108.1360**, and **22.5011, 25.1033, 32.5137** is the 20% darker color. If you saturate the color by 10%, you get **41.8808, 47.4867, 64.0861**, and if you desaturate by 10%, it is **53.2721, 57.0596, 65.3334**.

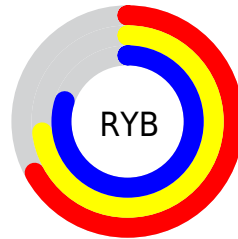
Distribution



Red (67%)

Green (76%)

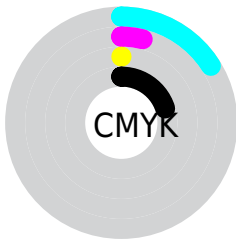
Blue (80%)



Red (67%)

Yellow (73%)

Blue (80%)

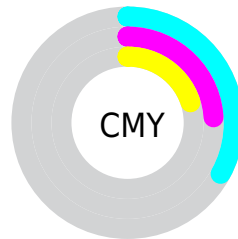


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (33%)

Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2088, 52.0478, 64.6848 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 47.2088, 52.0478, 64.6848 by changing the saturation by 10% instead.

■ 47.2088, 52.0478,
64.6848

■ 47.2088, 52.0478,
64.6848

366.2824,
394.6211, 459.9336

■ 33.4094, 37.0432,
46.7558

■ 85.2421, 93.2017,
113.2055

■ 22.6010, 25.2409,
32.4897

110.2066,
120.1198, 144.6343

■ 14.4182, 16.2566,
21.4679

139.6236,
151.7779, 181.4002

■ 8.4958, 9.7059,
13.2719

173.8584,
188.5603, 223.9215

■ 4.4682, 5.2044,
7.4831

213.2763,
230.8514, 272.6170

■ 1.9703, 2.3677,
3.6830

258.2427,

■ 0.6172, 0.8092,

279.0356, 327.9052

1.4531

309.1229,
333.4974, 390.2045

■ 0.0000, 0.0000,
0.1826

■ 0.0000, 0.0000,
0.0000

■ 47.2088, 52.0478,
64.6848

■ 47.2088, 52.0478,
64.6848

■ 41.8808, 47.4867,
64.0861

■ 53.2721, 57.0596,
65.3334

■ 37.2518, 43.3527,
63.5321

■ 60.0959, 62.5318,
66.0300

■ 33.2888, 39.6295,
63.0223

■ 67.7098, 68.4817,
66.7772

■ 29.9546, 36.2972,
62.5549

■ 76.1407, 74.9237,
67.5762

■ 27.2079, 33.3336,
62.1276

■ 78.4773, 78.2959,
68.1040

■ 25.0023, 30.7140,
61.7382

■ 79.9863, 81.3138,
68.6070

■ 23.2839, 28.4099,
61.3840

■ 81.5445, 84.4302,
69.1264

■ 21.9845, 26.3852,
61.0617

■ 83.1524, 87.6461,
69.6624

■ 21.5490, 25.6593,
60.9446

■ 84.8105, 90.9623,
70.2151

Harmonies

Analogous

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



46.2173, 52.0478, 60.0855



47.2088, 52.0478, 64.6848



48.8218, 52.0478, 67.1866

Triad

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



47.2088, 52.0478, 64.6848



53.0169, 52.0478, 58.5559



48.3100, 52.0478, 47.6679

Complementary

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



47.2088, 52.0478, 64.6848



48.5742, 48.4201, 45.3150

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.



50.1236, 52.0478, 47.3145



47.2088, 52.0478, 64.6848



52.8716, 52.0478, 53.3887

Square

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



47.2088, 52.0478, 64.6848



52.1941, 52.0478, 63.5057



51.8020, 52.0478, 49.3484



46.8421, 52.0478, 50.3456

Rectangle

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



47.2088, 52.0478, 64.6848



50.0457, 52.0478, 67.2303



51.8020, 52.0478, 49.3484



48.8985, 52.0478, 47.2799

Sweetspot

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



47.2103, 52.0500, 64.6860



89.4149, 95.4636, 108.3214



46.6063, 55.1317, 51.2593



18.9746, 20.3001, 23.1682



0.0000, 0.0000, 0.0000



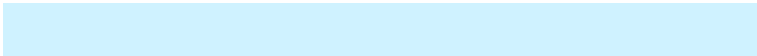
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2103, 52.0500, 64.6860



75.3463, 83.8002, 106.8116



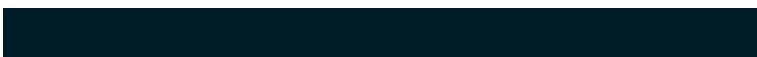
43.7547, 45.1387, 63.5341



11.2746, 12.1896, 14.3290



13.6439, 16.3118, 38.3856



0.7649, 0.9636, 2.0006

Inverse Universe

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



49.3163, 45.9045, 57.8934



79.4395, 72.0661, 93.5626



52.0611, 55.3939, 46.4773



11.5520, 11.3495, 13.4412



19.0977, 9.4497, 18.7651



1.0160, 0.4998, 1.1304

Previews

White Background



This preview shows how the XYZ color 47.2088, 52.0478, 64.6848 looks on a white background.

Color Contrast Check

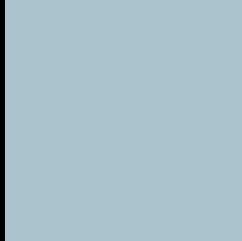
Large Text (above 18pt) WCAG AA × Fail

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 47.2088, 52.0478, 64.6848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

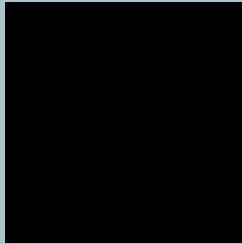
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

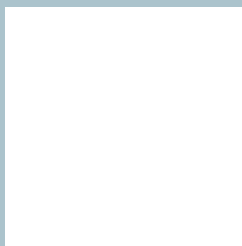
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2088, 52.0478, 64.6848

Background



This preview shows how black text looks on a background with the XYZ color 47.2088, 52.0478, 64.6848.



This preview shows how white text looks on a background with the XYZ color 47.2088, 52.0478,

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

47.2088, 52.0478, 64.6848

Protanopia

50.2261, 51.6886, 62.5880

Deuteranopia

52.8467, 51.7107, 65.5884



Tritanopia

47.9379, 52.0074, 68.4846

Trichromacy



Original Color

47.2088, 52.0478, 64.6848

Protanomaly

49.0586, 51.7162, 63.2737

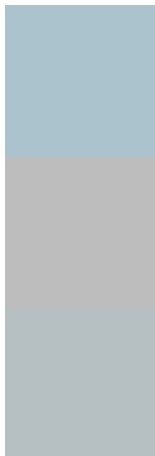
Deuteranomaly

50.7029, 51.8793, 65.0990

Tritanomaly

47.6902, 51.9083, 67.1803

Monochromacy



Original Color

47.2088, 52.0478, 64.6848

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.6598, 51.1017, 58.3906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2088, 52.0478, 64.6848 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(171, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 195, 204)  
}
```

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(171, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 47.2088, 52.0478, 64.6848 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(171, 195, 204) }
```


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

```
.border{ border-color:rgb(171, 195, 204) }
```

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

Here you see how a box with a 4 pixel rgb(171, 195, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(171, 195,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2088, 52.0478, 64.6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 195, 204) }
```

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

```
.background{ background-color: rgb(171,  
195, 204) }
```

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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