

Converting Colors

XYZ(48.8299, 54.0142, 64.1932)

Have a look what the booklet for
XYZ(48.8299, 54.0142, 64.1932)
contains.

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Color

**XYZ(48.8781, 53.9301,
64.3333)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C6CB
RGB	176, 198, 203
RGB Percent	69%, 78%, 80%
CMY	0.3098, 0.2235, 0.2039
CMYK	0.13, 0.02, 0.00, 0.20
HSL	191°, 21%, 74%
HSV	191°, 13%, 80%
XYZ	48.8781, 53.9301, 64.3333
YIQ	191.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

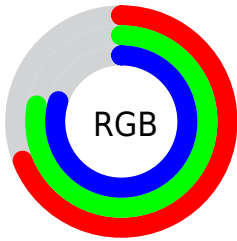
Format	Color
R _Y B	176, 188, 203
Decimal	11585227
CIE Lab	78.42, -6.40, -5.03
CIE LCh	78, 8.141, 218.158
Yxy	53.9301, 0.2924, 0.3227
Android (android.graphics.Color)	4289775307 (0xFFB0C6CB)
YUV	191.9920, 5.4269, -14.0250
Hunter-Lab	73.4371, -9.7093, -0.5340

Details

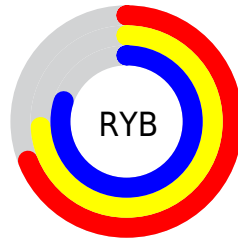
The XYZ color **48.8781, 53.9301, 64.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9893, 48.8787, 47.9278**, and the grayscale version is **50.0750, 52.6828, 57.3716**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **23.5665, 26.3274, 32.2734** is the 20% darker color. If you saturate the color by 10%, you get **43.7792, 50.0438, 63.8528**, and if you desaturate by 10%, it is **54.6879, 58.2174, 64.8555**.

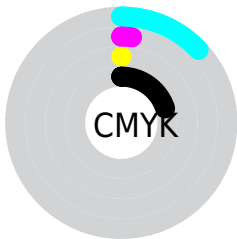
Distribution



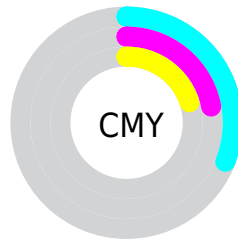
- Red (69%)
- Green (78%)
- Blue (80%)



- Red (69%)
- Yellow (74%)
- Blue (80%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8781, 53.9301, 64.3333 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 48.8781, 53.9301, 64.3333 by changing the saturation by 10% instead.

■ 48.8781, 53.9301,
64.3333

■ 48.8781, 53.9301,
64.3333

372.7872,
401.8434, 458.6327

■ 34.7369, 38.5458,
46.4728

■ 87.7122, 95.9716,
112.6949

■ 23.6259, 26.4066,
32.2677

113.1358,
123.3976, 144.0330

■ 15.1795, 17.1280,
21.2995

143.0510,
155.6062, 180.7008

■ 9.0326, 10.3258,
13.1498

177.8230,
192.9819, 223.1167

■ 4.8198, 5.6155,
7.3998

217.8173,
235.9091, 271.6993

■ 2.1756, 2.6127,
3.6312

263.3992,

■ 0.7298, 0.9331,

284.7722, 326.8671

1.4253

314.9340,
339.9555, 389.0388

■ 0.0000, 0.0000,
0.1613

■ 0.0000, 0.0000,
0.0000

■ 48.8781, 53.9301,
64.3333

■ 48.8781, 53.9301,
64.3333

■ 43.7792, 50.0438,
63.8528

■ 54.6879, 58.2174,
64.8555

■ 39.3559, 46.5357,
63.4088

■ 61.2324, 62.9139,
65.4170

■ 35.5770, 43.3910,
63.0010

■ 68.5403, 68.0359,
66.0205

■ 32.4069, 40.5911,
62.6276

■ 75.8222, 73.1769,
66.6290

■ 29.8064, 38.1156,
62.2868

■ 76.7784, 75.0893,
66.9478

■ 27.7318, 35.9417,
61.9766

■ 77.7567, 77.0459,
67.2739

■ 26.1324, 34.0429,
61.6944

■ 78.7571, 79.0468,
67.6074

■ 24.9475, 32.3879,
61.4374

■ 79.7799, 81.0924,
67.9483

■ 24.3125, 31.3776,
61.2758

■ 80.8252, 83.1829,
68.2967

Harmonies

Analogous

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



48.2740, 53.9301, 59.9797



48.8781, 53.9301, 64.3333



50.1230, 53.9301, 67.2831

Triad

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



48.8781, 53.9301, 64.3333



54.1674, 53.9301, 62.0596



50.8237, 53.9301, 50.4250

Complementary

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



48.8781, 53.9301, 64.3333



48.9893, 48.8787, 47.9278

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.



52.4119, 53.9301, 50.9174



48.8781, 53.9301, 64.3333



54.3645, 53.9301, 57.4795

Square

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



48.8781, 53.9301, 64.3333



53.1830, 53.9301, 65.9236



53.7159, 53.9301, 53.4444



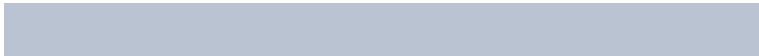
49.3819, 53.9301, 52.0626

Rectangle

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



48.8781, 53.9301, 64.3333



51.1601, 53.9301, 67.9730



53.7159, 53.9301, 53.4444



51.3579, 53.9301, 50.3486

Sweetspot

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



48.8797, 53.9323, 64.3345



90.7972, 96.9179, 108.5293



47.5967, 55.2771, 51.8511



19.2680, 20.6231, 23.2151



0.0000, 0.0000, 0.0000



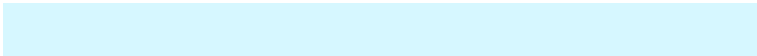
20.3446, 21.4041, 23.3091

Same Dimension

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



48.8797, 53.9323, 64.3345



79.2381, 88.3426, 107.4833



45.9399, 48.0529, 63.3546



11.3599, 12.3602, 14.3574



15.5342, 20.0924, 39.0158



0.8484, 1.1305, 2.0284

Inverse Universe

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



50.3482, 47.8256, 60.0063



82.1951, 76.1976, 98.7347



51.8581, 54.6162, 48.8841



11.5950, 11.3667, 13.6680



20.0519, 9.8313, 23.7895



1.0582, 0.5167, 1.3521

Previews

White Background



This preview shows how the XYZ color 48.8781, 53.9301, 64.3333 looks on a white background.

Color Contrast Check

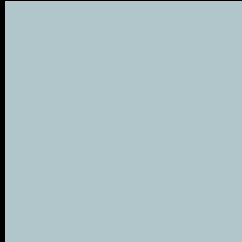
Large Text (above 18pt) WCAG AA × Fail

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 48.8781, 53.9301, 64.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

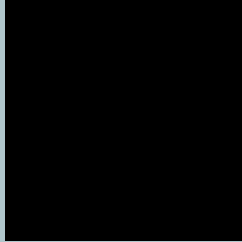
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

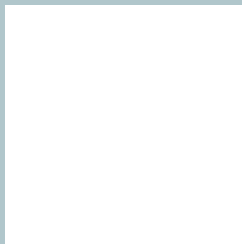
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8781, 53.9301, 64.3333

Background



This preview shows how black text looks on a background with the XYZ color 48.8781, 53.9301, 64.3333.



This preview shows how white text looks on a background with the XYZ color 48.8781, 53.9301,

64.3333.

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

48.8781, 53.9301, 64.3333

Protanopia

52.0010, 53.9122, 62.3089

Deuteranopia

54.7348, 53.6396, 65.2263



Tritanopia

50.2100, 54.1509, 70.0932

Trichromacy



Original Color

48.8781, 53.9301, 64.3333

Protanomaly

50.7968, 53.9386, 62.9923

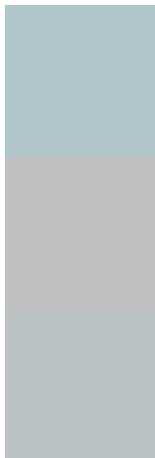
Deuteranomaly

52.5137, 53.7947, 64.7424

Tritanomaly

49.6063, 53.8831, 68.1075

Monochromacy



Original Color

48.8781, 53.9301, 64.3333

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5053, 53.0082, 59.8469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8781, 53.9301, 64.3333 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(176, 198, 203)` looks like.

```
.text, #text, p{  
    color:rgb(176, 198, 203)  
}
```

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(176, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 198, 203) }
```

Border

The CSS property to change the border of an element to XYZ 48.8781, 53.9301, 64.3333 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(176, 198, 203) }
```


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

```
.border{ border-color:rgb(176, 198, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 198, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(176, 198,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8781, 53.9301, 64.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 198, 203) }
```

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

```
.background{ background-color: rgb(176,  
198, 203) }
```

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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