

Converting Colors

XYZ(48.1064, 53.5185, 64.9214)

Have a look what the booklet for
XYZ(48.1064, 53.5185, 64.9214)
contains.

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Color

**XYZ(48.1064, 53.5185,
64.9214)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC6CC
RGB	172, 198, 204
RGB Percent	67%, 78%, 80%
CMY	0.3255, 0.2235, 0.2000
CMYK	0.16, 0.03, 0.00, 0.20
HSL	191°, 24%, 74%
HSV	191°, 16%, 80%
XYZ	48.1064, 53.5185, 64.9214
YIQ	190.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

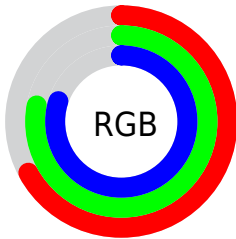
Format	Color
R_{YB}	172, 186, 204
Decimal	11323084
CIE _{Lab}	78.18, -7.48, -5.95
CIE _{LCh}	78, 9.563, 218.513
Yxy	53.5185, 0.2888, 0.3213
Android (android.graphics.Color)	4289513164 (0xFFACC6CC)
YUV	190.9100, 6.4534, -16.5841
Hunter-Lab	73.1563, -10.6449, -1.4065

Details

The XYZ color **48.1064, 53.5185, 64.9214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2689, 47.6565, 45.6851**, and the grayscale version is **49.4414, 52.0162, 56.6456**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **23.0860, 26.0705, 32.6695** is the 20% darker color. If you saturate the color by 10%, you get **43.1058, 49.6610, 64.4412**, and if you desaturate by 10%, it is **53.8195, 57.7789, 65.4435**.

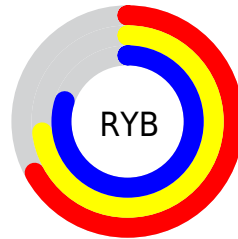
Distribution



Red (67%)

Green (78%)

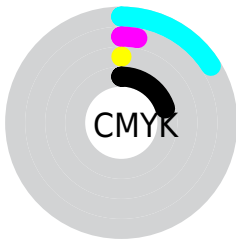
Blue (80%)



Red (67%)

Yellow (73%)

Blue (80%)

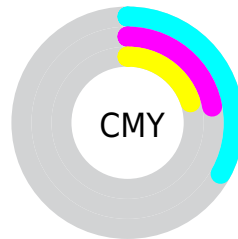


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (20%)



Cyan (33%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1064, 53.5185, 64.9214 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 48.1064, 53.5185, 64.9214 by changing the saturation by 10% instead.

■ 48.1064, 53.5185,
64.9214

■ 48.1064, 53.5185,
64.9214

369.7893,
400.2712, 460.8079

■ 34.1228, 38.2168,
46.9464

■ 86.5715, 95.3669,
113.5490

■ 23.1513, 26.1510,
32.6392

111.7837,
122.6824, 145.0388

■ 14.8265, 16.9367,
21.5814

141.4695,
154.7714, 181.8705

■ 8.7833, 10.1893,
13.3543

175.9942,
192.0182, 224.4628

■ 4.6561, 5.5247,
7.5394

215.7232,
234.8071, 273.2341

■ 2.0796, 2.5583,
3.7181

261.0218,

■ 0.6781, 0.9057,

283.5227, 328.6030

1.4720

312.2554,
338.5493, 390.9881

■ 0.0000, 0.0000,
0.1969

■ 0.0000, 0.0000,
0.0000

■ 48.1064, 53.5185,
64.9214

■ 48.1064, 53.5185,
64.9214

■ 43.1058, 49.6610,
64.4412

■ 53.8195, 57.7789,
65.4435

■ 38.7817, 46.1833,
63.9979

■ 60.2697, 62.4509,
66.0053

■ 35.1016, 43.0699,
63.5909

■ 67.4865, 67.5512,
66.6094

■ 32.0289, 40.3017,
63.2185

■ 75.4959, 73.0936,
67.2570

■ 29.5229, 37.8574,
62.8788

■ 76.9831, 75.3074,
67.6060

■ 27.5377, 35.7131,
62.5696

■ 77.9808, 77.3027,
67.9385

■ 26.0203, 33.8413,
62.2882

■ 79.0014, 79.3440,
68.2787

■ 24.9050, 32.2077,
62.0317

■ 80.0452, 81.4315,
68.6267

■ 24.4937, 31.5485,
61.9261

■ 81.1122, 83.5656,
68.9823

Harmonies

Analogous

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



47.3947, 53.5185, 59.8100



48.1064, 53.5185, 64.9214



49.5623, 53.5185, 68.3870

Triad

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



48.1064, 53.5185, 64.9214



54.2866, 53.5185, 62.1256



50.3374, 53.5185, 48.6721

Complementary

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



48.1064, 53.5185, 64.9214



48.2689, 47.6565, 45.6851

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.



52.1959, 53.5185, 49.2080



48.1064, 53.5185, 64.9214



54.5065, 53.5185, 56.7617

Square

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



48.1064, 53.5185, 64.9214



53.1392, 53.5185, 66.7053



53.7328, 53.5185, 52.0939



48.6619, 53.5185, 50.5823

Rectangle

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



48.1064, 53.5185, 64.9214



50.7745, 53.5185, 69.1823



53.7328, 53.5185, 52.0939



50.9611, 53.5185, 48.5746

Sweetspot

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



48.1080, 53.5207, 64.9226



89.7563, 96.1464, 108.4352



46.6295, 55.1663, 50.2407



19.0577, 20.4664, 23.1959



0.0000, 0.0000, 0.0000



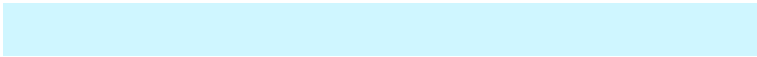
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1080, 53.5207, 64.9226



76.5880, 86.2836, 107.2255



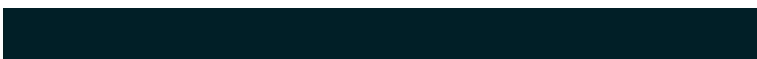
44.6685, 46.6417, 63.7761



11.3576, 12.3556, 14.3566



15.4804, 19.9847, 38.9978



0.8460, 1.1258, 2.0277

Inverse Universe

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



49.8486, 46.4207, 59.7615



80.0662, 72.3168, 96.8630



51.6112, 54.3411, 46.7992



11.5939, 11.3663, 13.6619



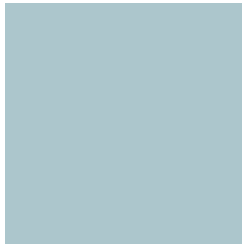
20.0247, 9.8205, 23.6464



1.0570, 0.5162, 1.3459

Previews

White Background



This preview shows how the XYZ color 48.1064, 53.5185, 64.9214 looks on a white background.

Color Contrast Check

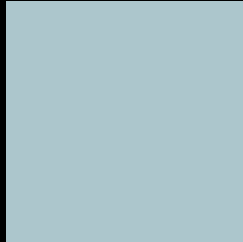
Large Text (above 18pt) WCAG AA × Fail

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 48.1064, 53.5185, 64.9214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

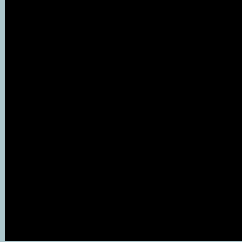
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

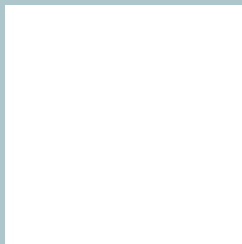
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1064, 53.5185, 64.9214

Background



This preview shows how black text looks on a background with the XYZ color 48.1064, 53.5185, 64.9214.



This preview shows how white text looks on a background with the XYZ color 48.1064, 53.5185,

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

48.1064, 53.5185, 64.9214

Protanopia

51.5231, 53.3387, 62.2234

Deuteranopia

54.3645, 53.1187, 65.7801



Tritanopia

49.3055, 53.6846, 70.0509

Trichromacy



Original Color

48.1064, 53.5185, 64.9214

Protanomaly

50.0841, 53.2397, 62.8949

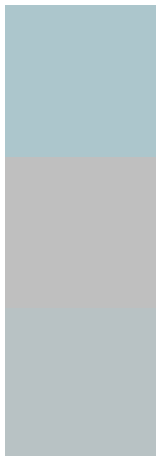
Deuteranomaly

51.8984, 53.1387, 65.2791

Tritanomaly

48.7085, 53.4202, 68.0655

Monochromacy



Original Color

48.1064, 53.5185, 64.9214

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0228, 52.7594, 59.8244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1064, 53.5185, 64.9214 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(172, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(172, 198, 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(172, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 198, 204) }
```

Border

The CSS property to change the border of an element to XYZ 48.1064, 53.5185, 64.9214 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(172, 198, 204) }
```


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

```
.border{ border-color:rgb(172, 198, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(172, 198,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1064, 53.5185, 64.9214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 198, 204) }
```

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

```
.background{ background-color: rgb(172,  
198, 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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