

Converting Colors

XYZ(48.2682, 53.6676, 53.1613)

Have a look what the booklet for
XYZ(48.2682, 53.6676, 53.1613)
contains.

XYZ(48.1464, 53.4605, 53.1287)	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(48.1464, 53.4605,
53.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C5B8
RGB	183, 197, 184
RGB Percent	72%, 77%, 72%
CMY	0.2823, 0.2274, 0.2784
CMYK	0.07, 0.00, 0.07, 0.23
HSL	124°, 11%, 75%
HSV	124°, 7%, 77%
XYZ	48.1464, 53.4605, 53.1287
YIQ	191.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

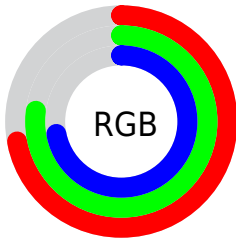
Format	Color
RYB	183, 196, 197
Decimal	12043704
CIELab	78.15, -7.23, 4.87
CIELCh	78, 8.712, 146.036
Yxy	53.4605, 0.3112, 0.3455
Android (android.graphics.Color)	4290233784 (0xFFB7C5B8)
YUV	191.3320, -3.6147, -7.3072
Hunter-Lab	73.1167, -10.4142, 8.0999

Details

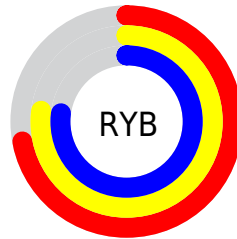
The XYZ color **48.1464, 53.4605, 53.1287** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9252, 49.7241, 59.1935**, and the grayscale version is **49.7373, 52.3275, 56.9846**.

A 20% lighter version of the original color is **86.7666, 95.5256, 96.3033**, and **23.1251, 26.0294, 25.2781** is the 20% darker color. If you saturate the color by 10%, you get **41.9894, 50.4954, 43.4698**, and if you desaturate by 10%, it is **55.2103, 56.8675, 64.1268**.

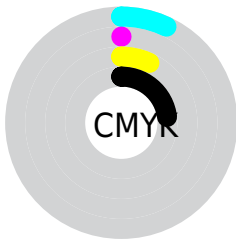
Distribution



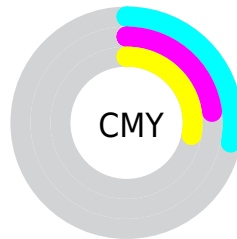
- Red (72%)
- Green (77%)
- Blue (72%)



- Red (72%)
- Yellow (77%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



- Cyan (28%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1464, 53.4605, 53.1287 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 48.1464, 53.4605, 53.1287 by changing the saturation by 10% instead.

■ 48.1464, 53.4605,
53.1287

■ 48.1464, 53.4605,
53.1287

369.9451,
400.0494, 415.8590

■ 34.1546, 38.1705,
37.5171

■ 86.6307, 95.2816,
96.2372

■ 23.1758, 26.1151,
25.3092

111.8539,
122.5816, 124.5711

■ 14.8448, 16.9097,
16.0864

141.5516,
154.6536, 157.9830

■ 8.7961, 10.1702,
9.4303

176.0892,
191.8822, 196.8912

■ 4.6645, 5.5119,
4.9223

215.8319,
234.6517, 241.7144

■ 2.0845, 2.5506,
2.1438

261.1453,

■ 0.6808, 0.9019,

283.3464, 292.8710

0.6417

312.3945,
338.3509, 350.7797

■ 0.0000, 0.0000,
0.0000

■ 48.1464, 53.4605,
53.1287

■ 48.1464, 53.4605,
53.1287

■ 41.9894, 50.4954,
43.4698

■ 55.2103, 56.8675,
64.1268

■ 36.6983, 47.9476,
35.0955

■ 63.2111, 60.7263,
76.5088

■ 32.2356, 45.8005,
27.9528

■ 72.1828, 65.0550,
90.3216

■ 28.5592, 44.0335,
21.9836

■ 79.2573, 68.4146,
103.6358

■ 25.6235, 42.6246,
17.1253

■ 23.3782, 41.5493,
13.3091

■ 21.7664, 40.7798,
10.4590

■ 20.7224, 40.2841,
8.4882

■ 20.1593, 40.0197,
7.2945

Harmonies

Analogous

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



49.3896, 53.4605, 50.1877



48.1464, 53.4605, 53.1287



47.6173, 53.4605, 57.5639

Triad

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



48.1464, 53.4605, 53.1287



50.5867, 53.4605, 68.0690



53.8102, 53.4605, 54.1917

Complementary

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



48.1464, 53.4605, 53.1287



49.9252, 49.7241, 59.1935

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.



54.1478, 53.4605, 58.8597



48.1464, 53.4605, 53.1287



52.2626, 53.4605, 67.0434

Square

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



48.1464, 53.4605, 53.1287



49.0061, 53.4605, 66.3339



53.5755, 53.4605, 63.6041



52.6629, 53.4605, 50.7769

Rectangle

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



48.1464, 53.4605, 53.1287



47.7318, 53.4605, 60.8370



53.5755, 53.4605, 63.6041



54.0232, 53.4605, 55.6585

Sweetspot

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



48.1479, 53.4628, 53.1299



92.4453, 98.7442, 104.8471



51.2981, 55.0989, 52.7318



19.8144, 21.1485, 22.4841



0.0000, 0.0000, 0.0000



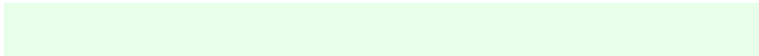
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1479, 53.4628, 53.1299



83.8616, 94.6069, 91.4491



48.8930, 53.7608, 57.0535



10.5277, 11.9000, 11.4631



13.1970, 26.2912, 4.7161



0.6358, 1.2493, 0.2809

Inverse Universe

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



49.9252, 49.7241, 59.1935



87.8978, 86.1162, 105.2193



49.1537, 49.4155, 55.1310



11.0491, 10.8030, 13.2421



20.7753, 10.0597, 30.3561



0.9937, 0.4803, 1.4902

Previews

White Background



This preview shows how the XYZ color 48.1464, 53.4605, 53.1287 looks on a white background.

Color Contrast Check

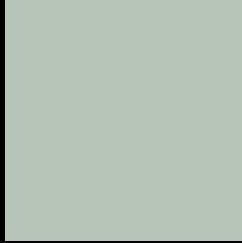
Large Text (above 18pt) WCAG AA × Fail

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 48.1464, 53.4605, 53.1287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

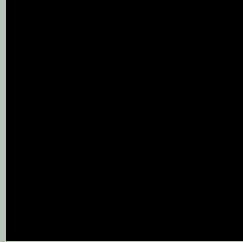
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1464, 53.4605, 53.1287

Background



This preview shows how black text looks on a background with the XYZ color 48.1464, 53.4605, 53.1287.



This preview shows how white text looks on a background with the XYZ color 48.1464, 53.4605,

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

48.1464, 53.4605, 53.1287

Protanopia

50.7433, 53.1776, 51.3059

Deuteranopia

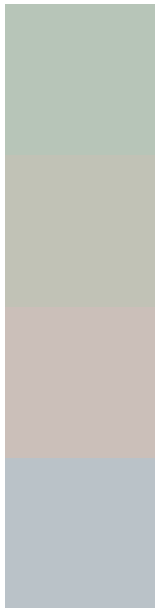
54.3648, 53.3820, 53.8928



Tritanopia

51.0721, 53.3082, 67.9193

Trichromacy



Original Color

48.1464, 53.4605, 53.1287

Protanomaly

49.7276, 53.2984, 51.9227

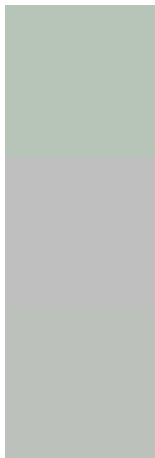
Deuteranomaly

52.0164, 53.4609, 53.4764

Tritanomaly

49.9668, 53.1928, 62.2773

Monochromacy



Original Color

48.1464, 53.4605, 53.1287

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8861, 52.4621, 55.1266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1464, 53.4605, 53.1287 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(183, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 197, 184)  
}
```

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(183, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 197, 184) }
```

Border

The CSS property to change the border of an element to XYZ 48.1464, 53.4605, 53.1287 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(183, 197, 184) }
```


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

```
.border{ border-color:rgb(183, 197, 184) }
```

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

Here you see how a box with a 4 pixel rgb(183, 197, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 197,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1464, 53.4605, 53.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 197, 184) }
```

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

```
.background{ background-color: rgb(183,  
197, 184) }
```

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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