

Converting Colors

XYZ(48.2211, 59.6039, 52.1432)

Have a look what the booklet for
XYZ(48.2211, 59.6039, 52.1432)
contains.

XYZ(48.2211, 59.6039, 52.1432)	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(48.2211, 59.6039,
52.1432)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D6B4
RGB	167, 214, 180
RGB Percent	65%, 84%, 71%
CMY	0.3451, 0.1608, 0.2941
CMYK	0.22, 0.00, 0.16, 0.16
HSL	137°, 36%, 75%
HSV	137°, 22%, 84%
XYZ	48.2211, 59.6039, 52.1432
YIQ	196.0710, -17.0980, -20.5380

Conversions

Conversions Part 2

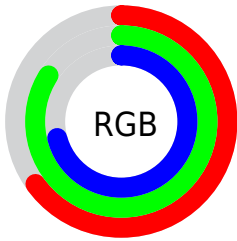
Format	Color
RYB	167, 204, 214
Decimal	10999476
CIELab	81.62, -22.00, 11.84
CIElCh	82, 24.987, 151.715
Yxy	59.6039, 0.3014, 0.3726
Android (android.graphics.Color)	4289189556 (0xFFA7D6B4)
YUV	196.0710, -7.9230, -25.4953
Hunter-Lab	77.2036, -23.6157, 13.9981

Details

The XYZ color **48.2211, 59.6039, 52.1432** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.0949, 46.1519, 61.4233**, and the grayscale version is **52.5666, 55.3042, 60.2262**.

A 20% lighter version of the original color is **81.3317, 93.2641, 93.0720**, and **23.1683, 29.9060, 24.6300** is the 20% darker color. If you saturate the color by 10%, you get **42.5789, 56.8691, 44.1015**, and if you desaturate by 10%, it is **54.7909, 62.7999, 61.1504**.

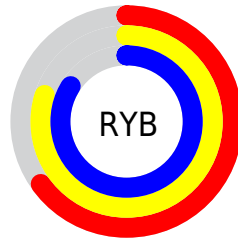
Distribution



Red (65%)

Green (84%)

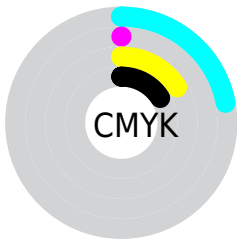
Blue (71%)



Red (65%)

Yellow (80%)

Blue (84%)

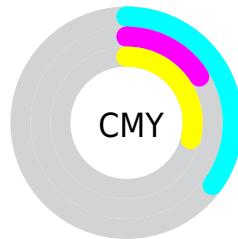


Cyan (22%)

Magenta (0%)

Yellow (16%)

Black (16%)



Cyan (35%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2211, 59.6039, 52.1432 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 48.2211, 59.6039, 52.1432 by changing the saturation by 10% instead.


 48.2211, 59.6039,
52.1432


 48.2211, 59.6039,
52.1432


370.2359,
423.1362, 411.9619

 34.2140, 43.0994,
36.7362


 86.7412, 104.2549,
94.7711

 23.2217, 29.9632,
24.7091


 111.9849,
133.1702, 122.8291

 14.8789, 19.8106,
15.6434


141.7049,
166.9912, 155.9412

 8.8202, 12.2575,
9.1206

176.2665,
206.1024, 194.5259

 4.6803, 6.9193,
4.7220

216.0350,
250.8880, 239.0018

 2.0937, 3.4117,
2.0292

261.3758,

 0.6858, 1.3502,

301.7327, 289.7874

0.5732

312.6543,
359.0206, 347.3012

0.0000, 0.1796,
0.0000

0.0000, 0.0000,
0.0000

48.2211, 59.6039,
52.1432

48.2211, 59.6039,
52.1432

42.5789, 56.8691,
44.1015

54.7909, 62.7999,
61.1504

37.8168, 54.5666,
36.9894

62.3232, 66.4694,
71.1498

33.8906, 52.6761,
30.7741

70.8569, 70.6336,
82.1718

30.7499, 51.1723,
25.4199

80.4274, 75.3101,
94.2444

■ 28.3390, 50.0272,
20.8882

■ 83.3377, 76.5754,
104.9959

■ 26.5942, 49.2089,
17.1378

■ 25.4402, 48.6795,
14.1234

■ 24.8421, 48.4132,
12.1990

Harmonies

Analogous

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



51.5102, 59.6039, 43.2854



48.2211, 59.6039, 52.1432



47.1509, 59.6039, 65.7673

Triad

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



48.2211, 59.6039, 52.1432



56.9543, 59.6039, 98.2881



65.6779, 59.6039, 50.8591

Complementary

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



48.2211, 59.6039, 52.1432



52.0949, 46.1519, 61.4233

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.



67.3501, 59.6039, 64.0374



48.2211, 59.6039, 52.1432



62.1245, 59.6039, 92.7218

Square

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



48.2211, 59.6039, 52.1432



52.0027, 59.6039, 93.8233



66.0118, 59.6039, 79.5808



61.5699, 59.6039, 42.6285

Rectangle

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



48.2211, 59.6039, 52.1432



47.7834, 59.6039, 76.1906



66.0118, 59.6039, 79.5808



66.5546, 59.6039, 54.7812

Sweetspot

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



48.2227, 59.6064, 52.1445



86.7753, 95.9664, 98.0228



55.2369, 63.3683, 45.8798



18.4281, 20.4700, 20.7877



0.0000, 0.0000, 0.0000



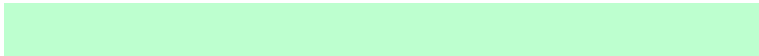
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2227, 59.6064, 52.1445



67.9390, 86.8073, 72.2304



50.7682, 60.6246, 65.5490



12.4022, 13.9519, 13.9322



15.0528, 29.2765, 7.5739



0.9430, 1.7798, 0.6414

Inverse Universe

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



52.0949, 46.1519, 61.4233



74.6099, 63.6210, 88.2100



49.5846, 45.1478, 48.2040



12.7997, 12.5714, 14.8853



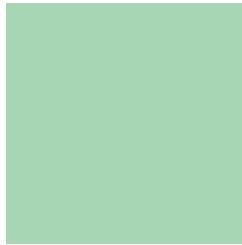
20.3745, 10.0861, 19.8078



1.2631, 0.6220, 1.3748

Previews

White Background



This preview shows how the XYZ color 48.2211, 59.6039, 52.1432 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 48.2211, 59.6039, 52.1432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

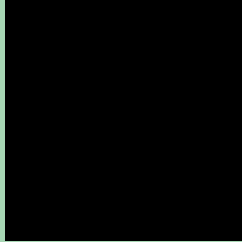
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2211, 59.6039, 52.1432

Background



This preview shows how black text looks on a background with the XYZ color 48.2211, 59.6039, 52.1432.



This preview shows how white text looks on a background with the XYZ color 48.2211, 59.6039,

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

48.2211, 59.6039, 52.1432

Protanopia

55.9119, 59.2941, 48.5424

Deuteranopia

60.4799, 59.1489, 53.5766



Tritanopia

53.6896, 59.6075, 79.1967

Trichromacy



Original Color

48.2211, 59.6039, 52.1432

Protanomaly

52.6727, 59.0130, 49.6888

Deuteranomaly

55.1214, 58.7818, 53.2406

Tritanomaly

51.4450, 59.4179, 68.4319

Monochromacy



Original Color

48.2211, 59.6039, 52.1432

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.6578, 56.7439, 56.9979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2211, 59.6039, 52.1432 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(167, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 214, 180)  
}
```

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(167, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 214, 180) }
```

Border

The CSS property to change the border of an element to XYZ 48.2211, 59.6039, 52.1432 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(167, 214, 180) }
```


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

```
.border{ border-color:rgb(167, 214, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 214, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 214, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 214,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2211, 59.6039, 52.1432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 214, 180) }
```

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

```
.background{ background-color: rgb(167,  
214, 180) }
```

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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