

Converting Colors

XYZ(52.9453, 62.3893, 48.1779)

Have a look what the booklet for
XYZ(52.9453, 62.3893, 48.1779)
contains.

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Color

**XYZ(52.9820, 62.5266,
48.3061)**

Conversions

Conversions Part 1

Format	Color
Hex	BED7AC
RGB	190, 215, 172
RGB Percent	75%, 84%, 67%
CMY	0.2549, 0.1568, 0.3255
CMYK	0.12, 0.00, 0.20, 0.16
HSL	95°, 35%, 76%
HSV	95°, 20%, 84%
XYZ	52.9820, 62.5266, 48.3061
YIQ	202.6230, -1.0970, -18.6730

Conversions

Conversions Part 2

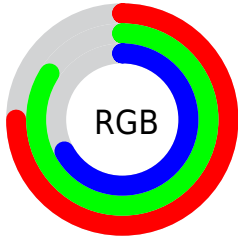
Format	Color
RYB	172, 215, 197
Decimal	12507052
CIELab	83.19, -16.06, 18.48
CIElCh	83, 24.485, 130.982
Yxy	62.5266, 0.3234, 0.3817
Android (android.graphics.Color)	4290697132 (0xFFBED7AC)
YUV	202.6230, -15.0971, -11.0704
Hunter-Lab	79.0738, -18.7783, 19.1314

Details

The XYZ color **52.9820, 62.5266, 48.3061** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.0468, 46.2834, 70.5892**, and the grayscale version is **56.6219, 59.5706, 64.8724**.

A 20% lighter version of the original color is **87.9829, 96.8402, 86.7279**, and **26.1143, 31.7319, 22.5178** is the 20% darker color. If you saturate the color by 10%, you get **48.0926, 60.2275, 38.1566**, and if you desaturate by 10%, it is **58.4767, 65.1029, 60.2304**.

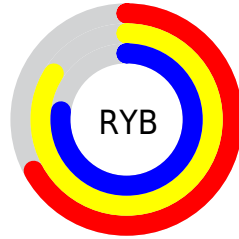
Distribution



Red (75%)

Green (84%)

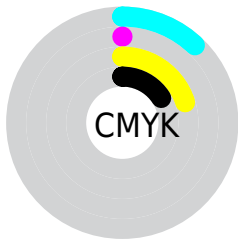
Blue (67%)



Red (67%)

Yellow (84%)

Blue (77%)

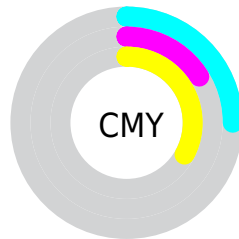


Cyan (12%)

Magenta (0%)

Yellow (20%)

Black (16%)



Cyan (25%)


Magenta (16%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9820, 62.5266, 48.3061 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 52.9820, 62.5266, 48.3061 by changing the saturation by 10% instead.


 52.9820, 62.5266,
48.3061

 52.9820, 62.5266,
48.3061


388.4781,
433.8494, 396.5478

 38.0158, 45.4583,
33.7076


 93.7436, 108.4863,
89.0303

 26.1722, 31.8186,
22.3936


120.2697,
138.1464, 115.9931

 17.0859, 21.2230,
13.9453


151.3798,
172.7727, 147.9144

 10.3914, 13.2871,
7.9443

187.4393,
212.7495, 185.2128

 5.7235, 7.6265,
3.9721

228.8135,
258.4611, 228.3068

 2.7167, 3.8569,
1.6100

275.8678,

 1.0058, 1.5939,

310.2921, 277.6149

0.2980

328.9675,
368.6267, 333.5557

0.0000, 0.3534,
0.0000

0.0000, 0.0000,
0.0000

52.9820, 62.5266,
48.3061

52.9820, 62.5266,
48.3061

48.0926, 60.2275,
38.1566

58.4767, 65.1029,
60.2304

43.7808, 58.1875,
29.6930

64.5933, 67.9575,
74.0046

40.0239, 56.3989,
22.8249

71.3535, 71.1021,
89.7042

36.7957, 54.8503,
17.4519

78.2892, 74.3499,
104.8324

■ 34.0674, 53.5293,
13.4620

■ 82.6810, 76.6139,
105.0380

■ 31.8068, 52.4221,
10.7275

■ 83.5917, 77.0834,
105.0806

■ 29.9769, 51.5129,
9.0970

■ 28.5172, 50.7766,
8.2979

Harmonies

Analogous

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



57.5058, 62.5266, 43.2207



52.9820, 62.5266, 48.3061



50.2900, 62.5266, 58.9897

Triad

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



52.9820, 62.5266, 48.3061



56.1642, 62.5266, 99.6364



70.0269, 62.5266, 62.6611

Complementary

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



52.9820, 62.5266, 48.3061



50.0468, 46.2834, 70.5892

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.



69.6145, 62.5266, 78.0611



52.9820, 62.5266, 48.3061



61.3959, 62.5266, 101.0099

Square

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



52.9820, 62.5266, 48.3061



52.0503, 62.5266, 89.1146



66.3803, 62.5266, 92.6272



67.4755, 62.5266, 50.6482

Rectangle

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



52.9820, 62.5266, 48.3061



49.7944, 62.5266, 68.5831



66.3803, 62.5266, 92.6272



70.2340, 62.5266, 67.5811

Sweetspot

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



52.9837, 62.5293, 48.3075



89.4861, 97.4051, 96.2892



55.2959, 57.0736, 47.1325



19.0285, 20.7902, 20.3292



0.0000, 0.0000, 0.0000



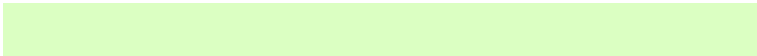
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9837, 62.5293, 48.3075



74.8136, 90.5306, 64.4523



49.0403, 60.4643, 49.5759



12.7500, 14.1473, 13.2194



17.1706, 30.4281, 4.9682



1.1288, 1.8833, 0.3040

Inverse Universe

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



50.0468, 46.2834, 70.5892



69.7334, 62.4360, 102.9838



54.6798, 48.7140, 68.8996



12.4274, 12.3617, 15.6686



12.5194, 5.6065, 38.8755



0.8485, 0.3863, 2.3492

Previews

White Background



This preview shows how the XYZ color 52.9820, 62.5266, 48.3061 looks on a white background.

Color Contrast Check

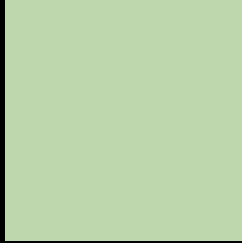
Large Text (above 18pt) WCAG AA × Fail

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 52.9820, 62.5266, 48.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

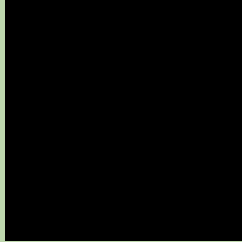
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

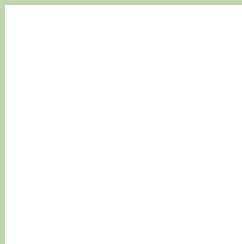
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9820, 62.5266, 48.3061

Background



This preview shows how black text looks on a background with the XYZ color 52.9820, 62.5266, 48.3061.



This preview shows how white text looks on a background with the XYZ color 52.9820, 62.5266,

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

52.9820, 62.5266, 48.3061

Protanopia

58.3526, 62.0298, 45.9432

Deuteranopia

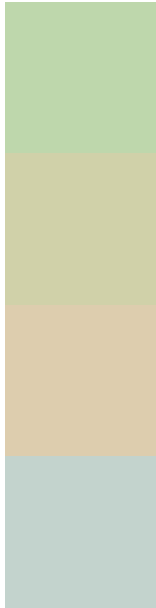
63.4212, 62.1191, 49.2050



Tritanopia

59.2991, 62.4993, 79.4592

Trichromacy



Original Color

52.9820, 62.5266, 48.3061

Protanomaly

55.9743, 61.8754, 46.5291

Deuteranomaly

59.2901, 62.0908, 48.9042

Tritanomaly

56.8194, 62.5984, 66.8456

Monochromacy



Original Color

52.9820, 62.5266, 48.3061

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.1160, 60.4372, 58.6298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9820, 62.5266, 48.3061 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(190, 215, 172)` looks like.

```
.text, #text, p{  
    color:rgb(190, 215, 172)  
}
```

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(190, 215, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 215, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.9820, 62.5266, 48.3061 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(190, 215, 172) }
```


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

```
.border{ border-color:rgb(190, 215, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 215, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 215, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 215, 172); box-shadow:4px 4px 4px 4px rgb(190, 215, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9820, 62.5266, 48.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 215, 172) }
```

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

```
.background{ background-color: rgb(190,  
215, 172) }
```

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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