

Converting Colors

XYZ(46.3210, 48.6363, 52.4525)

Have a look what the booklet for
XYZ(46.3210, 48.6363, 52.4525)
contains.

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Color

**XYZ(46.2504, 48.5977,
52.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB9B8
RGB	186, 185, 184
RGB Percent	73%, 73%, 72%
CMY	0.2706, 0.2745, 0.2784
CMYK	0.00, 0.01, 0.01, 0.27
HSL	30°, 1%, 73%
HSV	30°, 1%, 73%
XYZ	46.2504, 48.5977, 52.2900
YIQ	185.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

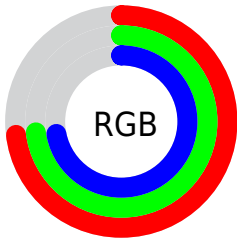
Format	Color
R_{YB}	186, 186, 184
Decimal	12237240
CIE _{Lab}	75.20, 0.17, 0.62
CIE _{LCh}	75, 0.644, 74.745
Yxy	48.5977, 0.3143, 0.3303
Android (android.graphics.Color)	4290427320 (0xFFBAB9B8)
YUV	185.1850, -0.5842, 0.7148
Hunter-Lab	69.7121, -3.5704, 4.3259

Details

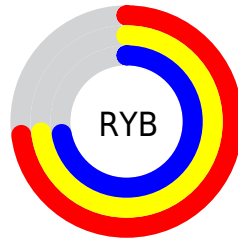
The XYZ color **46.2504, 48.5977, 52.2900** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9791, 48.4329, 53.3802**, and the grayscale version is **46.2210, 48.6281, 52.9560**.

A 20% lighter version of the original color is **83.8014, 88.0791, 95.0222**, and **22.0209, 23.1278, 24.7762** is the 20% darker color. If you saturate the color by 10%, you get **42.5513, 44.1168, 42.0617**, and if you desaturate by 10%, it is **50.3352, 53.4383, 63.9129**.

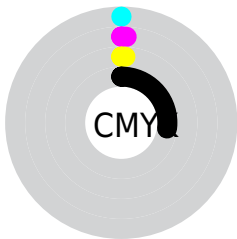
Distribution



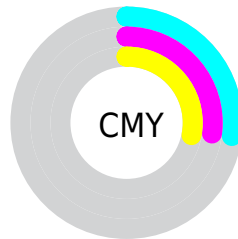
- Red (73%)
- Green (73%)
- Blue (72%)



- Red (73%)
- Yellow (73%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (27%)



- Cyan (27%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2504, 48.5977, 52.2900 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 46.2504, 48.5977, 52.2900 by changing the saturation by 10% instead.

■ 46.2504, 48.5977,
52.2900

■ 46.2504, 48.5977,
52.2900

362.5135,
381.1564, 412.5439

■ 32.6489, 34.3005,
36.8524

■ 83.8192, 88.0937,
94.9897

■ 22.0156, 23.1245,
24.7984

108.5172,
114.0612, 123.0890

■ 13.9850, 14.6855,
15.7092

137.6448,
144.6875, 156.2459

■ 8.1919, 8.5989,
9.1665

171.5673,
180.3572, 194.8789

■ 4.2708, 4.4805,
4.7517

210.6501,
221.4545, 239.4067

■ 1.8565, 1.9458,
2.0461

255.2584,

■ 0.5513, 0.5757,

268.3639, 290.2478

0.5834

305.7578,
321.4697, 347.8207

■ 0.0000, 0.0000,
0.0000

■ 46.2504, 48.5977,
52.2900

■ 46.2504, 48.5977,
52.2900

■ 42.5513, 44.1168,
42.0617

■ 50.3352, 53.4383,
63.9129

■ 39.2214, 39.9806,
33.1718

■ 54.8132, 58.6408,
76.9773

■ 36.2490, 36.1820,
25.5648

■ 59.6970, 64.2152,
91.5321

■ 33.6203, 32.7114,
19.1801

■ 64.4446, 69.9485,
104.7126

■ 31.3204, 29.5587,
13.9523

■ 66.9764, 75.0121,
105.5565

■ 29.3332, 26.7131,
9.8097

■ 69.6457, 80.3507,
106.4463

■ 27.6407, 24.1628,
6.6726

■ 72.4547, 85.9685,
107.3826

■ 26.2231, 21.8953,
4.4498

■ 74.0600, 89.1793,
107.9177

■ 25.0570, 19.8963,
3.0338

Harmonies

Analogous

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



46.3520, 48.5977, 52.4584



46.2504, 48.5977, 52.2900



46.1329, 48.5977, 52.2885

Triad

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



46.2504, 48.5977, 52.2900



45.9715, 48.5977, 53.0802



46.3506, 48.5977, 53.3776

Complementary

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



46.2504, 48.5977, 52.2900



45.9791, 48.4329, 53.3802

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.



46.2484, 48.5977, 53.5457



46.2504, 48.5977, 52.2900



46.0296, 48.5977, 53.3735

Square

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



46.2504, 48.5977, 52.2900



45.9720, 48.5977, 52.7438



46.1310, 48.5977, 53.5442



46.4100, 48.5977, 53.0858

Rectangle

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



46.2504, 48.5977, 52.2900



46.0614, 48.5977, 52.3823



46.1310, 48.5977, 53.5442



46.3201, 48.5977, 53.4505

Sweetspot

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



46.2518, 48.5998, 52.2911



84.5950, 89.0005, 96.9216



46.1479, 48.2236, 52.7755



18.6292, 19.5994, 21.3438



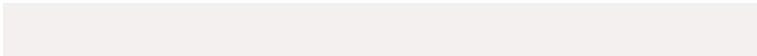
90.7827, 95.5105, 104.0109

Same Dimension

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



46.2518, 48.5998, 52.2911



83.8743, 88.1383, 94.8955



46.4611, 49.0184, 52.3608



10.0473, 10.5592, 11.3794



16.3491, 12.4746, 1.5462



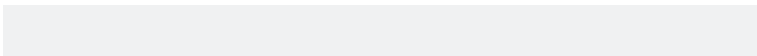
0.6382, 0.5635, 0.0751

Inverse Universe

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



45.9791, 48.4329, 53.3802



83.4069, 87.8522, 96.7626



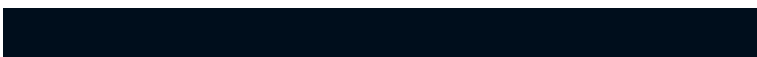
45.7713, 48.0172, 53.3110



9.9960, 10.5277, 11.5846



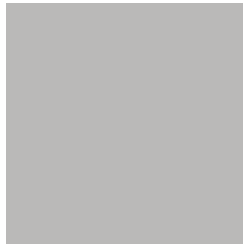
8.6539, 7.7674, 32.2962



0.3670, 0.3976, 1.1592

Previews

White Background



This preview shows how the XYZ color 46.2504, 48.5977, 52.2900 looks on a white background.

Color Contrast Check

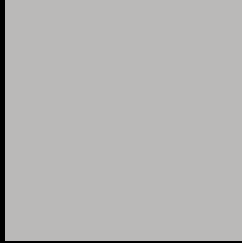
Large Text (above 18pt) WCAG AA × Fail

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 46.2504, 48.5977, 52.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

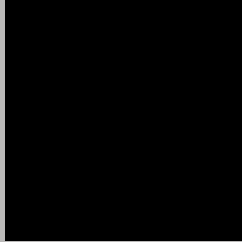
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

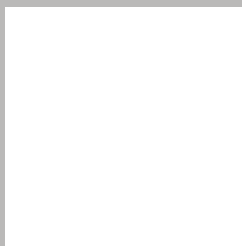
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2504, 48.5977, 52.2900

Background



This preview shows how black text looks on a background with the XYZ color 46.2504, 48.5977, 52.2900.



This preview shows how white text looks on a background with the XYZ color 46.2504, 48.5977,

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

46.2504, 48.5977, 52.2900

Protanopia

46.7785, 48.5605, 52.2550

Deuteranopia

49.5057, 48.4395, 52.6395



Tritanopia

47.7506, 48.5896, 59.6853

Trichromacy



Original Color

46.2504, 48.5977, 52.2900

Protanomaly

46.5313, 48.4330, 52.2435

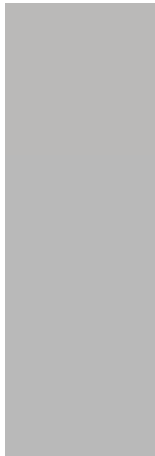
Deuteranomaly

48.3068, 48.4208, 52.6991

Tritanomaly

47.1484, 48.6515, 56.7749

Monochromacy



Original Color

46.2504, 48.5977, 52.2900

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1135, 48.5150, 52.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2504, 48.5977, 52.2900 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(186, 185, 184)` looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 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(186, 185, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 184) }
```

Border

The CSS property to change the border of an element to XYZ 46.2504, 48.5977, 52.2900 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(186, 185, 184) }
```

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

```
.border{ border-color:rgb(186, 185, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 185, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 184);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
184) }
```


Background

The CSS property to change the background color of an element to XYZ 46.2504, 48.5977, 52.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 185, 184) }
```

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

```
.background{ background-color: rgb(186,  
185, 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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