

Converting Colors

XYZ(46.2167, 48.4965, 53.8507)

Have a look what the booklet for
XYZ(46.2167, 48.4965, 53.8507)
contains.

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Color

**XYZ(46.3262, 48.6001,
53.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B9BB
RGB	185, 185, 187
RGB Percent	73%, 73%, 73%
CMY	0.2745, 0.2745, 0.2667
CMYK	0.01, 0.01, 0.00, 0.27
HSL	240°, 1%, 73%
HSV	240°, 1%, 73%
XYZ	46.3262, 48.6001, 53.9528
YIQ	185.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

Format	Color
RYB	185, 185, 187
Decimal	12171707
CIELab	75.20, 0.38, -1.02
CIELCh	75, 1.087, 290.334
Yxy	48.6001, 0.3112, 0.3264
Android (android.graphics.Color)	4290361787 (0xFFB9B9BB)
YUV	185.2280, 0.8736, -0.2000
Hunter-Lab	69.7138, -3.3823, 2.9140

Details

The XYZ color **46.3262, 48.6001, 53.9528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0208, 49.6076, 52.9966**, and the grayscale version is **46.2377, 48.6457, 52.9751**.

A 20% lighter version of the original color is **83.9086, 88.0824, 97.3732**, and **22.0701, 23.1293, 25.8554** is the 20% darker color. If you saturate the color by 10%, you get **38.4561, 39.1219, 52.5388**, and if you desaturate by 10%, it is **55.3053, 59.4141, 55.5676**.

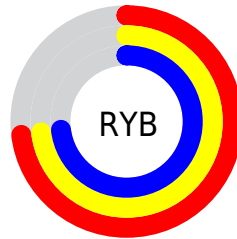
Distribution



Red (73%)

Green (73%)

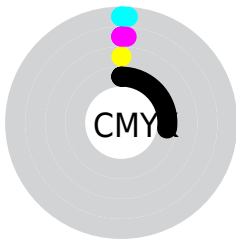
Blue (73%)



Red (73%)

Yellow (73%)

Blue (73%)

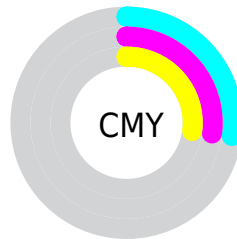


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3262, 48.6001, 53.9528 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 46.3262, 48.6001, 53.9528 by changing the saturation by 10% instead.

■ 46.3262, 48.6001,
53.9528

■ 46.3262, 48.6001,
53.9528

362.8125,
381.1659, 419.0995

■ 32.7090, 34.3024,
38.1710

■ 83.9319, 88.0972,
97.4606

■ 22.0618, 23.1260,
25.8126

108.6510,
114.0654, 126.0238

■ 14.0192, 14.6866,
16.4590

137.8016,
144.6925, 159.6844

■ 8.2158, 8.5997,
9.6917

171.7489,
180.3629, 198.8612

■ 4.2863, 4.4810,
5.0921

210.8583,
221.4611, 243.9725

■ 1.8653, 1.9461,
2.2417

255.4951,

■ 0.5566, 0.5759,

268.3714, 295.4370

0.6983

306.0247,
321.4782, 353.6731

■ 0.0000, 0.0000,
0.0000

■ 46.3262, 48.6001,
53.9528

■ 46.3262, 48.6001,
53.9528

■ 38.4561, 39.1219,
52.5388

■ 55.3053, 59.4141,
55.5676

■ 31.6480, 30.9216,
51.3149

■ 65.4298, 71.6063,
57.3873

■ 25.8577, 23.9467,
50.2737

■ 76.7394, 85.2251,
59.4199

■ 21.0364, 18.1382,
49.4067

■ 85.9698, 96.3679,
61.0842

■ 17.1311, 13.4325,
48.7042

■ 14.0840, 9.7600,
48.1560

■ 11.8305, 7.0429,
47.7503

■ 10.2968, 5.1928,
47.4740

■ 9.3957, 4.1046,
47.3115

Harmonies

Analogous

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



46.1286, 48.6001, 54.0063



46.3262, 48.6001, 53.9528



46.4885, 48.6001, 53.6207

Triad

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



46.3262, 48.6001, 53.9528



46.4379, 48.6001, 52.0771



45.8163, 48.6001, 52.7332

Complementary

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



46.3262, 48.6001, 53.9528



47.0208, 49.6076, 52.9966

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.



45.8986, 48.6001, 52.2199



46.3262, 48.6001, 53.9528



46.2573, 48.6001, 51.8429

Square

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



46.3262, 48.6001, 53.9528



46.5531, 48.6001, 52.5369



46.0599, 48.6001, 51.8950



45.8346, 48.6001, 53.2995

Rectangle

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



46.3262, 48.6001, 53.9528



46.5547, 48.6001, 53.2874



46.0599, 48.6001, 51.8950



45.8331, 48.6001, 52.5488

Sweetspot

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



46.3276, 48.6022, 53.9539



84.5950, 89.0005, 96.9216



46.7447, 49.4421, 54.0753



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.



46.3276, 48.6022, 53.9539



83.0517, 87.1419, 96.6442



46.5609, 48.7215, 53.9646



10.5418, 11.0634, 12.2520



6.1830, 2.4777, 32.5453



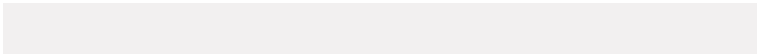
0.2426, 0.0979, 1.2750

Inverse Universe

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



46.6005, 48.7664, 52.8582



83.5163, 87.4214, 94.7791



46.7858, 49.4875, 52.9858



10.5961, 11.0960, 12.0342



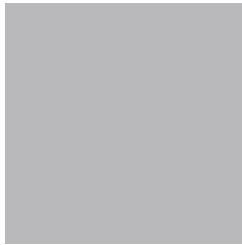
14.1216, 7.2798, 0.6683



0.5534, 0.2852, 0.0273

Previews

White Background



This preview shows how the XYZ color 46.3262, 48.6001, 53.9528 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 46.3262, 48.6001, 53.9528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

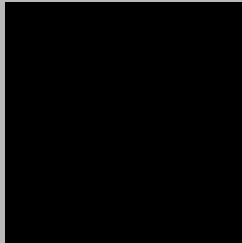
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

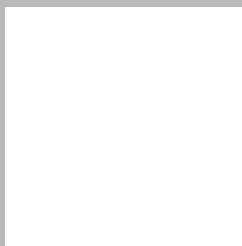
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.3262, 48.6001, 53.9528

Background



This preview shows how black text looks on a background with the XYZ color 46.3262, 48.6001, 53.9528.

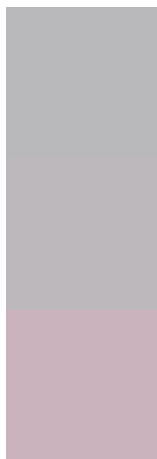


This preview shows how white text looks on a background with the XYZ color 46.3262, 48.6001,

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

46.3262, 48.6001, 53.9528

Protanopia

46.8492, 48.5602, 53.9175

Deuteranopia

49.5543, 48.4276, 54.3126



Tritanopia

47.6200, 48.5090, 60.2794

Trichromacy



Original Color

46.3262, 48.6001, 53.9528

Protanomaly

46.6036, 48.4336, 53.9061

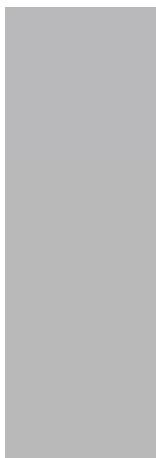
Deuteranomaly

48.3659, 48.4143, 54.3727

Tritanomaly

47.1278, 48.6151, 57.9387

Monochromacy



Original Color

46.3262, 48.6001, 53.9528

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.2195, 48.5574, 53.3909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3262, 48.6001, 53.9528 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(185, 185, 187)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 187)  
}
```

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(185, 185, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 187) }
```

Border

The CSS property to change the border of an element to XYZ 46.3262, 48.6001, 53.9528 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(185, 185, 187) }
```

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

```
.border{ border-color:rgb(185, 185, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 187);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
187) }
```


Background

The CSS property to change the background color of an element to XYZ 46.3262, 48.6001, 53.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 187) }
```

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

```
.background{ background-color: rgb(185,  
185, 187) }
```

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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