

Converting Colors

XYZ(46.1941, 47.7332, 53.7929)

Have a look what the booklet for
XYZ(46.1941, 47.7332, 53.7929)
contains.

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Color

**XYZ(46.1911, 47.6085,
53.7685)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB6BB
RGB	187, 182, 187
RGB Percent	73%, 71%, 73%
CMY	0.2667, 0.2863, 0.2667
CMYK	0.00, 0.03, 0.00, 0.27
HSL	300°, 4%, 72%
HSV	300°, 3%, 73%
XYZ	46.1911, 47.6085, 53.7685
YIQ	184.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

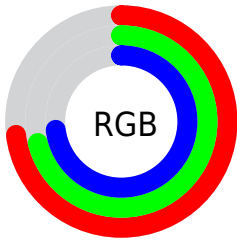
Format	Color
RYB	187, 182, 187
Decimal	12302011
CIELab	74.58, 2.69, -1.92
CIELCh	75, 3.300, 324.514
Yxy	47.6085, 0.3130, 0.3226
Android (android.graphics.Color)	4290492091 (0xFFBBB6BB)
YUV	184.0650, 1.4470, 2.5740
Hunter-Lab	68.9989, -1.2518, 2.0966

Details

The XYZ color **46.1911, 47.6085, 53.7685** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5070, 48.8644, 51.2917**, and the grayscale version is **45.5887, 47.9629, 52.2316**.

A 20% lighter version of the original color is **83.7143, 86.6748, 97.1117**, and **21.9848, 22.4901, 25.7365** is the 20% darker color. If you saturate the color by 10%, you get **42.6148, 40.4554, 52.5766**, and if you desaturate by 10%, it is **50.2815, 55.7885, 55.1329**.

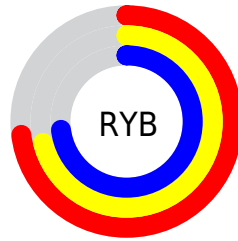
Distribution



Red (73%)

Green (71%)

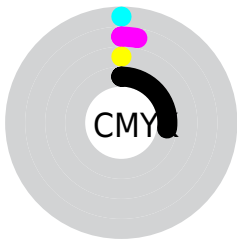
Blue (73%)



Red (73%)

Yellow (71%)

Blue (73%)

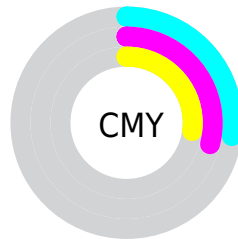


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1911, 47.6085, 53.7685 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 46.1911, 47.6085, 53.7685 by changing the saturation by 10% instead.

■ 46.1911, 47.6085,
53.7685

■ 46.1911, 47.6085,
53.7685

362.2795,
377.2382, 418.3762

■ 32.6019, 33.5170,
38.0247

■ 83.7310, 86.6212,
97.1872

■ 21.9794, 22.5228,
25.6999

108.4125,
112.3112, 125.6992

■ 13.9583, 14.2415,
16.3755

137.5221,
142.6361, 159.3044

■ 8.1732, 8.2888,
9.6330

171.4252,
177.9803, 198.4212

■ 4.2587, 4.2803,
5.0539

210.4871,
218.7282, 243.4683

■ 1.8495, 1.8316,
2.2196

255.0732,

■ 0.5472, 0.5067,

265.2642, 294.8641

0.6857

305.5489,
317.9728, 353.0273

■ 0.0000, 0.0000,
0.0000

■ 46.1911, 47.6085,
53.7685

■ 46.1911, 47.6085,
53.7685

■ 42.6148, 40.4554,
52.5766

■ 50.2815, 55.7885,
55.1329

■ 39.5285, 34.2828,
51.5475

■ 54.9010, 65.0273,
56.6731

■ 36.9120, 29.0499,
50.6750

■ 60.0689, 75.3630,
58.3960

■ 34.7423, 24.7107,
49.9514

■ 65.2239, 85.6730,
60.1147

■ 32.9945, 21.2152,
49.3685

■ 65.2240, 85.6730,
60.1151

■ 31.6411, 18.5085,
48.9170

■ 65.2240, 85.6730,
60.1155

■ 30.6515, 16.5294,
48.5868

■ 65.2241, 85.6731,
60.1158

■ 29.9905, 15.2075,
48.3661

■ 65.2242, 85.6731,
60.1162

■ 29.6161, 14.4588,
48.2410

■ 65.2243, 85.6731,
60.1166

Harmonies

Analogous

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



45.7282, 47.6085, 54.8850



46.1911, 47.6085, 53.7685



46.4021, 47.6085, 52.1523

Triad

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



46.1911, 47.6085, 53.7685



45.3602, 47.6085, 48.6351



44.2146, 47.6085, 53.2129

Complementary

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



46.1911, 47.6085, 53.7685



45.5070, 48.8644, 51.2917

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.



44.1180, 47.6085, 51.5240



46.1911, 47.6085, 53.7685



44.7761, 47.6085, 48.9050

Square

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



46.1911, 47.6085, 53.7685



45.9197, 47.6085, 49.2078



44.3227, 47.6085, 49.9534



44.5877, 47.6085, 54.5594

Rectangle

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



46.1911, 47.6085, 53.7685



46.3703, 47.6085, 51.0185



44.3227, 47.6085, 49.9534



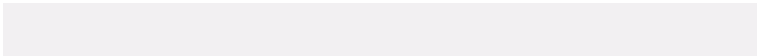
44.1488, 47.6085, 52.6654

Sweetspot

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



46.1925, 47.6105, 53.7695



83.8777, 87.5660, 96.6824



44.9911, 46.9912, 53.7134



18.4793, 19.2995, 21.2938



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



46.1925, 47.6105, 53.7695



82.4717, 84.7540, 96.2136



45.9272, 47.5045, 52.3729



10.3931, 10.6226, 12.1748



20.2999, 9.7511, 33.2026



0.7952, 0.3820, 1.3006

Inverse Universe

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



46.1925, 47.6105, 53.7695



82.4717, 84.7540, 96.2136



45.7676, 48.9687, 52.6639



10.3931, 10.6226, 12.1748



20.2999, 9.7511, 33.2026



0.7952, 0.3820, 1.3006

Previews

White Background



This preview shows how the XYZ color 46.1911, 47.6085, 53.7685 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 46.1911, 47.6085, 53.7685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

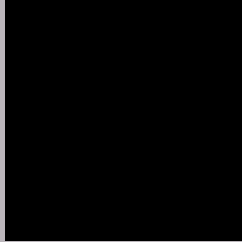
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

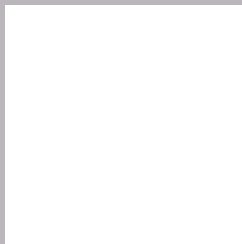
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1911, 47.6085, 53.7685

Background



This preview shows how black text looks on a background with the XYZ color 46.1911, 47.6085, 53.7685.

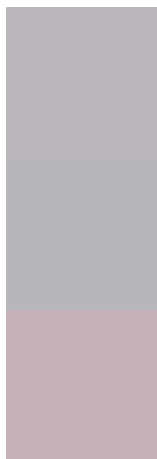


This preview shows how white text looks on a background with the XYZ color 46.1911, 47.6085,

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

46.1911, 47.6085, 53.7685

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

48.5507, 47.6137, 54.2084



Tritanopia

47.1132, 47.6792, 58.3496

Trichromacy



Original Color

46.1911, 47.6085, 53.7685

Protanomaly

45.9473, 47.4829, 53.7571

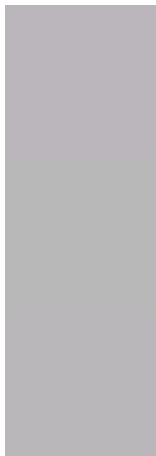
Deuteranomaly

47.7029, 47.4731, 54.2260

Tritanomaly

46.7773, 47.5449, 56.5808

Monochromacy



Original Color

46.1911, 47.6085, 53.7685

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.6980, 47.6840, 52.6943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1911, 47.6085, 53.7685 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(187, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 182, 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(187, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 182, 187) }
```

Border

The CSS property to change the border of an element to XYZ 46.1911, 47.6085, 53.7685 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(187, 182, 187) }
```


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

```
.border{ border-color:rgb(187, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 182,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1911, 47.6085, 53.7685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 182, 187) }
```

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

```
.background{ background-color: rgb(187,  
182, 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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