

Converting Colors

XYZ(47.1337, 47.7299, 56.5984)

Have a look what the booklet for
XYZ(47.1337, 47.7299, 56.5984)
contains.

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Color

**XYZ(47.0246, 47.6723,
56.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB5C0
RGB	189, 181, 192
RGB Percent	74%, 71%, 75%
CMY	0.2588, 0.2902, 0.2471
CMYK	0.02, 0.06, 0.00, 0.25
HSL	284°, 8%, 73%
HSV	284°, 6%, 75%
XYZ	47.0246, 47.6723, 56.5924
YIQ	184.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

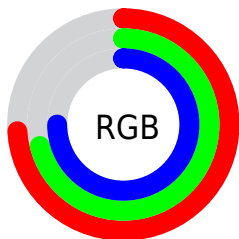
Format	Color
R _Y B	189, 181, 192
Decimal	12432832
CIE Lab	74.62, 4.86, -4.57
CIE LCh	75, 6.671, 316.802
Yxy	47.6723, 0.3108, 0.3151
Android (android.graphics.Color)	4290622912 (0xFFBDB5C0)
YUV	184.6460, 3.6255, 3.8185
Hunter-Lab	69.0451, 0.7421, -0.2651

Details

The XYZ color **47.0246, 47.6723, 56.5924** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9590, 51.2270, 51.1312**, and the grayscale version is **45.8987, 48.2890, 52.5867**.

A 20% lighter version of the original color is **84.8837, 86.7582, 101.0791**, and **22.5327, 22.5367, 27.5885** is the 20% darker color. If you saturate the color by 10%, you get **42.1112, 39.7388, 55.3208**, and if you desaturate by 10%, it is **52.5257, 56.7101, 58.0476**.

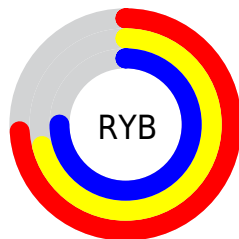
Distribution



Red (74%)

Green (71%)

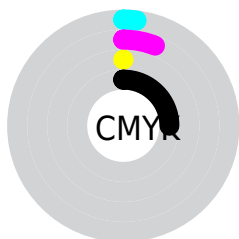
Blue (75%)



Red (74%)

Yellow (71%)

Blue (75%)

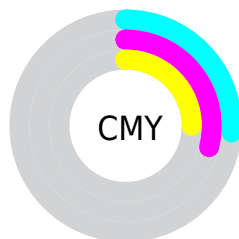


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (26%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0246, 47.6723, 56.5924 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 47.0246, 47.6723, 56.5924 by changing the saturation by 10% instead.

■ 47.0246, 47.6723,
56.5924

■ 47.0246, 47.6723,
56.5924

365.5600,
377.4917, 429.3711

■ 33.2631, 33.5674,
40.2709

■ 84.9689, 86.7163,
101.3646

■ 22.4883, 22.5615,
27.4344

109.8824,
112.4242, 130.6524

■ 14.3347, 14.2701,
17.6644

139.2439,
142.7686, 165.0994

■ 8.4371, 8.3087,
10.5424

173.4189,
178.1339, 205.1241

■ 4.4300, 4.2931,
5.6498

212.7726,
218.9045, 251.1451

■ 1.9482, 1.8389,
2.5680

257.6705,

■ 0.6046, 0.5112,

265.4647, 303.5809

0.8759

308.4778,
318.1990, 362.8501

■ 0.0000, 0.0000,
0.0000

■ 47.0246, 47.6723,
56.5924

■ 47.0246, 47.6723,
56.5924

■ 42.1112, 39.7388,
55.3208

■ 52.5257, 56.7101,
58.0476

■ 37.7590, 32.8595,
54.2223

■ 58.6315, 66.8876,
59.6903

■ 33.9455, 26.9895,
53.2903

■ 65.3633, 78.2460,
61.5279

■ 30.6450, 22.0781,
52.5162

■ 71.8389, 89.0202,
63.2662

■ 27.8298, 18.0704,
51.8911

■ 73.3541, 89.8014,
63.3371

■ 25.4690, 14.9057,
51.4046

■ 74.9186, 90.6079,
63.4103

■ 23.5281, 12.5156,
51.0456

■ 76.5329, 91.4401,
63.4859

■ 21.9670, 10.8209,
50.8008

■ 78.1972, 92.2981,
63.5638

■ 20.7360, 9.7228,
50.6537

■ 79.9122, 93.1822,
63.6440

Harmonies

Analogous

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



45.9855, 47.6723, 58.5354



47.0246, 47.6723, 56.5924



47.6090, 47.6723, 53.4398

Triad

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



47.0246, 47.6723, 56.5924



45.8432, 47.6723, 45.6994



43.1248, 47.6723, 53.8527

Complementary

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



47.0246, 47.6723, 56.5924



46.9590, 51.2270, 51.1312

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.



43.0883, 47.6723, 50.4038



47.0246, 47.6723, 56.5924



44.6433, 47.6723, 45.7989

Square

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



47.0246, 47.6723, 56.5924



46.9188, 47.6723, 47.2095



43.6397, 47.6723, 47.4877



43.7405, 47.6723, 56.9062

Rectangle

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



47.0246, 47.6723, 56.5924



47.6555, 47.6723, 51.1235



43.6397, 47.6723, 47.4877



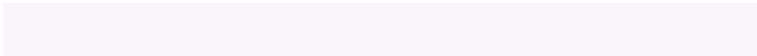
43.0448, 47.6723, 52.6985

Sweetspot

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



47.0260, 47.6743, 56.5934



88.7644, 92.1961, 103.4775



45.7371, 47.9610, 56.7167



19.0645, 19.8146, 22.2051



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.0260, 47.6743, 56.5934



83.9120, 84.2741, 102.2042



47.5159, 47.9572, 55.2492



10.4348, 10.4520, 12.7523



13.7154, 6.3310, 34.0557



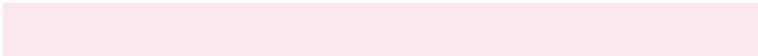
0.6559, 0.3062, 1.4744

Inverse Universe

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



46.9154, 47.7170, 52.0872



83.6720, 84.3730, 92.1333



46.4946, 50.9591, 52.3968



10.4035, 10.4652, 11.4287



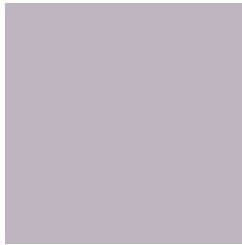
15.0788, 7.7213, 3.0609



0.6816, 0.3456, 0.2905

Previews

White Background



This preview shows how the XYZ color 47.0246, 47.6723, 56.5924 looks on a white background.

Color Contrast Check

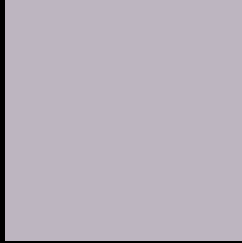
Large Text (above 18pt) WCAG AA × Fail

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 47.0246, 47.6723, 56.5924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

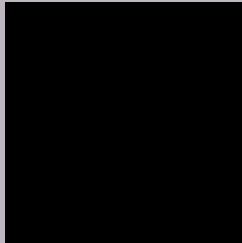
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0246, 47.6723, 56.5924

Background



This preview shows how black text looks on a background with the XYZ color 47.0246, 47.6723, 56.5924.



This preview shows how white text looks on a background with the XYZ color 47.0246, 47.6723,

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

47.0246, 47.6723, 56.5924

Protanopia

46.1208, 47.4965, 57.1890

Deuteranopia

48.5720, 47.5614, 57.0723



Tritanopia

47.3605, 47.8067, 58.3612

Trichromacy



Original Color

47.0246, 47.6723, 56.5924

Protanomaly

46.6033, 47.7453, 57.2116

Deuteranomaly

47.9939, 47.5598, 57.1025

Tritanomaly

47.2477, 47.7616, 57.7676

Monochromacy



Original Color

47.0246, 47.6723, 56.5924

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4673, 48.3509, 54.4605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0246, 47.6723, 56.5924 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(189, 181, 192) looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 192)  
}
```

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(189, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.0246, 47.6723, 56.5924 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(189, 181, 192) }
```


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

```
.border{ border-color:rgb(189, 181, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(189, 181,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0246, 47.6723, 56.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 181, 192) }
```

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

```
.background{ background-color: rgb(189,  
181, 192) }
```

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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