

Converting Colors

XYZ(47.1334, 46.2932, 54.7046)

Have a look what the booklet for
XYZ(47.1334, 46.2932, 54.7046)
contains.

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Color

**XYZ(47.2163, 46.3269,
54.5975)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B0BD
RGB	195, 176, 189
RGB Percent	76%, 69%, 74%
CMY	0.2353, 0.3098, 0.2588
CMYK	0.00, 0.10, 0.03, 0.24
HSL	319°, 14%, 73%
HSV	319°, 10%, 76%
XYZ	47.2163, 46.3269, 54.5975
YIQ	183.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

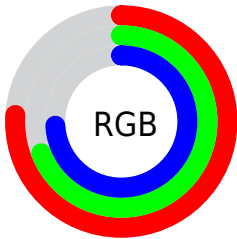
Format	Color
R _{YB}	195, 176, 189
Decimal	12824765
CIE Lab	73.76, 9.11, -4.14
CIE LCh	74, 10.005, 335.570
Yxy	46.3269, 0.3187, 0.3127
Android (android.graphics.Color)	4291014845 (0xFFC3B0BD)
YUV	183.1630, 2.8776, 10.3810
Hunter-Lab	68.0639, 4.7147, 0.0852

Details

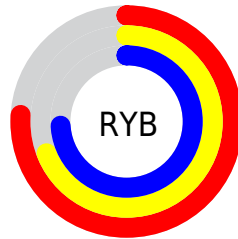
The XYZ color **47.2163, 46.3269, 54.5975** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8649, 51.6389, 51.8084**, and the grayscale version is **45.0822, 47.4300, 51.6513**.

A 20% lighter version of the original color is **85.4829, 85.0012, 98.2876**, and **22.5114, 21.6062, 26.2765** is the 20% darker color. If you saturate the color by 10%, you get **43.0101, 38.9612, 49.9670**, and if you desaturate by 10%, it is **52.0028, 54.8064, 59.5626**.

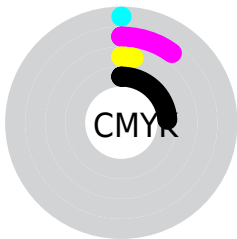
Distribution



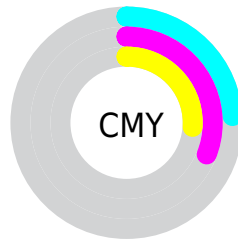
- Red (76%)
- Green (69%)
- Blue (74%)



- Red (76%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (24%)



- Cyan (24%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2163, 46.3269, 54.5975 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 47.2163, 46.3269, 54.5975 by changing the saturation by 10% instead.

■ 47.2163, 46.3269,
54.5975

■ 47.2163, 46.3269,
54.5975

366.3118,
372.1213, 421.6232

■ 33.4153, 32.5039,
38.6831

■ 85.2532, 84.7080,
98.4162

■ 22.6056, 21.7466,
26.2074

110.2198,
110.0349, 127.1576

■ 14.4216, 13.6709,
16.7517

139.6391,
139.9652, 161.0118

■ 8.4982, 7.8921,
9.8975

173.8763,
174.8832, 200.3973

■ 4.4698, 4.0260,
5.2264

213.2968,
215.1735, 245.7327

■ 1.9712, 1.6881,
2.3196

258.2660,

■ 0.6177, 0.4159,

261.2203, 297.4364

0.7422

309.1492,
313.4081, 355.9271

■ 0.0000, 0.0000,
0.0000

■ 47.2163, 46.3269,
54.5975

■ 47.2163, 46.3269,
54.5975

■ 43.0101, 38.9612,
49.9670

■ 52.0028, 54.8064,
59.5626

■ 39.3565, 32.6565,
45.6586

■ 57.3878, 64.4377,
64.8685

■ 36.2316, 27.3648,
41.6630

■ 63.3938, 75.2643,
70.5247

■ 33.6079, 23.0319,
37.9693

■ 70.0407, 87.3256,
76.5397

■ 31.4556, 19.5987,
34.5658

■ 71.1572, 88.2788,
80.8579

■ 29.7415, 16.9991,
31.4396

■ 71.9873, 88.6108,
85.2288

■ 28.4277, 15.1584,
28.5760

■ 72.8477, 88.9549,
89.7596

■ 27.4698, 13.9882,
25.9584

■ 73.7388, 89.3114,
94.4520

■ 26.7846, 13.3224,
23.5571

■ 74.6608, 89.6802,
99.3075

Harmonies

Analogous

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



46.0494, 46.3269, 58.8257



47.2163, 46.3269, 54.5975



47.5205, 46.3269, 49.4986

Triad

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



47.2163, 46.3269, 54.5975



43.7016, 46.3269, 41.3182



41.3117, 46.3269, 56.3496

Complementary

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



47.2163, 46.3269, 54.5975



45.8649, 51.6389, 51.8084

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.



40.7192, 46.3269, 51.3976



47.2163, 46.3269, 54.5975



42.0750, 46.3269, 42.8955

Square

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



47.2163, 46.3269, 54.5975



45.4603, 46.3269, 42.0488



40.9948, 46.3269, 46.5031



42.6346, 46.3269, 59.8840

Rectangle

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



47.2163, 46.3269, 54.5975



47.1862, 46.3269, 46.3363



40.9948, 46.3269, 46.5031



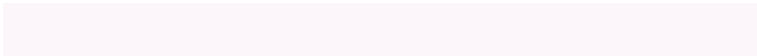
41.0222, 46.3269, 54.7836

Sweetspot

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



47.2176, 46.3289, 54.5985



90.1875, 92.9154, 103.6712



44.5982, 44.9017, 57.9467



19.5946, 20.0715, 22.5426



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.



47.2176, 46.3289, 54.5985



82.6306, 79.5689, 95.7037



46.2505, 45.9420, 49.5054



10.3575, 10.1916, 11.9732



17.4370, 8.6646, 15.4794



0.7835, 0.3864, 0.8272

Inverse Universe

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



47.2176, 46.3289, 54.5985



82.6306, 79.5689, 95.7037



46.8471, 52.0318, 56.9808



10.3575, 10.1916, 11.9732



17.4370, 8.6646, 15.4794



0.7835, 0.3864, 0.8272

Previews

White Background



This preview shows how the XYZ color 47.2163, 46.3269, 54.5975 looks on a white background.

Color Contrast Check

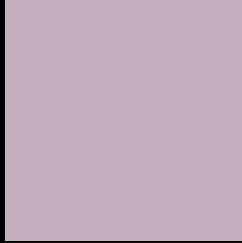
Large Text (above 18pt) WCAG AA × Fail

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 47.2163, 46.3269, 54.5975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

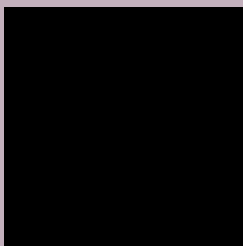
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2163, 46.3269, 54.5975

Background



This preview shows how black text looks on a background with the XYZ color 47.2163, 46.3269, 54.5975.



This preview shows how white text looks on a background with the XYZ color 47.2163, 46.3269,

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

47.2163, 46.3269, 54.5975

Protanopia

45.1271, 46.3934, 56.4455

Deuteranopia

47.2163, 46.3269, 54.5975



Tritanopia

47.3253, 46.3705, 55.1713

Trichromacy



Original Color

47.2163, 46.3269, 54.5975

Protanomaly

46.0176, 46.5666, 55.8531

Deuteranomaly

47.2163, 46.3269, 54.5975

Tritanomaly

47.3253, 46.3705, 55.1713

Monochromacy



Original Color

47.2163, 46.3269, 54.5975

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5717, 46.7101, 52.5130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2163, 46.3269, 54.5975 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(195, 176, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 176, 189)  
}
```

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(195, 176, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 176, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.2163, 46.3269, 54.5975 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(195, 176, 189) }
```


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

```
.border{ border-color:rgb(195, 176, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 176, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 176, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 176, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 176,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2163, 46.3269, 54.5975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 176, 189) }
```

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

```
.background{ background-color: rgb(195,  
176, 189) }
```

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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