

Converting Colors

XYZ(30.5689, 25.5595, 38.9868)

Have a look what the booklet for
XYZ(30.5689, 25.5595, 38.9868)
contains.

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Color

**XYZ(30.4521, 25.4286,
38.9005)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7BA5
RGB	170, 123, 165
RGB Percent	67%, 48%, 65%
CMY	0.3333, 0.5176, 0.3529
CMYK	0.00, 0.28, 0.03, 0.33
HSL	306°, 22%, 57%
HSV	306°, 28%, 67%
XYZ	30.4521, 25.4286, 38.9005
YIQ	141.8410, 14.5300, 23.0260

Conversions

Conversions Part 2

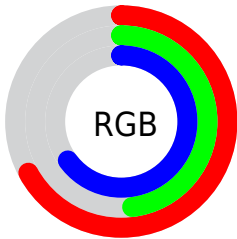
Format	Color
RYB	170, 123, 165
Decimal	11172773
CIELab	57.49, 25.36, -15.21
CIELCh	57, 29.573, 329.055
Yxy	25.4286, 0.3213, 0.2683
Android (android.graphics.Color)	4289362853 (0xFFAA7BA5)
YUV	141.8410, 11.4174, 24.6954
Hunter-Lab	50.4268, 19.5471, -10.4391

Details

The XYZ color **30.4521, 25.4286, 38.9005** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.4405, 34.5198, 25.6931**, and the grayscale version is **25.6013, 26.9346, 29.3318**.

A 20% lighter version of the original color is **59.8076, 52.3867, 74.6696**, and **12.6993, 9.7392, 16.8333** is the 20% darker color. If you saturate the color by 10%, you get **28.3603, 21.5063, 37.3969**, and if you desaturate by 10%, it is **32.9140, 30.0865, 40.5395**.

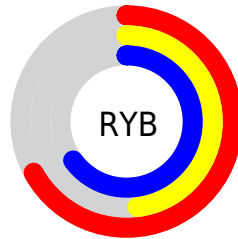
Distribution



Red (67%)

Green (48%)

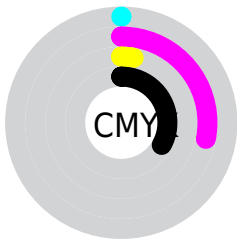
Blue (65%)



Red (67%)

Yellow (48%)

Blue (65%)

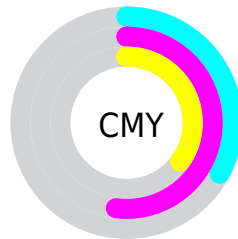


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4521, 25.4286, 38.9005 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 30.4521, 25.4286, 38.9005 by changing the saturation by 10% instead.

■ 30.4521, 25.4286,
38.9005

■ 30.4521, 25.4286,
38.9005

295.8783,
279.9657, 356.8806

■ 20.3318, 16.3967,
26.3751

■ 59.7581, 52.3517,
74.7050

■ 12.7461, 9.8053,
16.8762

■ 79.6746, 71.0116,
98.8211

■ 7.3297, 5.2700,
9.9852

■ 103.5871, 93.6497,
127.6379

■ 3.7173, 2.4066,
5.2837

131.8610,
120.6503, 161.5739

■ 1.5435, 0.8293,
2.3530

164.8618,
152.3978, 201.0476

■ 0.3551, 0.0000,
0.7607

202.9547,

■ 0.0000, 0.0000,

189.2766, 246.4776

0.0000

246.5051,
231.6711, 298.2824

■ 30.4521, 25.4286,
38.9005

■ 30.4521, 25.4286,
38.9005

■ 28.3603, 21.5063,
37.3969

■ 32.9140, 30.0865,
40.5395

■ 26.6174, 18.2783,
36.0208

■ 35.7612, 35.5118,
42.3182

■ 25.2034, 15.7046,
34.7657

■ 39.0109, 41.7384,
44.2427

■ 24.0956, 13.7394,
33.6240

■ 42.6787, 48.7974,
46.3181

■ 23.2681, 12.3315,
32.5871

■ 46.7792, 56.7179,
48.5495

■ 22.6911, 11.4207,
31.6449

■ 51.3263, 65.5280,
50.9414

■ 22.3166, 10.9112,
30.7814

■ 56.3334, 75.2541,
53.4984

■ 22.2382, 10.8103,
30.5829

■ 60.5223, 83.3400,
55.7945

■ 60.7071, 83.4139,
56.7678

Harmonies

Analogous

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



27.6079, 25.4286, 48.3269



30.4521, 25.4286, 38.9005



31.5889, 25.4286, 28.0083

Triad

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



30.4521, 25.4286, 38.9005



24.2809, 25.4286, 12.4752



18.7216, 25.4286, 38.2100

Complementary

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



30.4521, 25.4286, 38.9005



26.4405, 34.5198, 25.6931

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.



18.0130, 25.4286, 27.3690



30.4521, 25.4286, 38.9005



21.0284, 25.4286, 13.9631

Square

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



30.4521, 25.4286, 38.9005



27.8197, 25.4286, 14.1666



18.8159, 25.4286, 18.8672



20.8527, 25.4286, 47.8650

Rectangle

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



30.4521, 25.4286, 38.9005



31.1486, 25.4286, 21.8282



18.8159, 25.4286, 18.8672



18.3188, 25.4286, 34.5112

Sweetspot

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



30.4529, 25.4297, 38.9010



64.6086, 63.9054, 76.6132



23.1968, 21.6355, 40.9843



14.2289, 13.9092, 16.9755



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.4529, 25.4297, 38.9010



52.9141, 41.7450, 68.9275



28.5290, 24.6602, 28.7699



7.8070, 7.6527, 9.3009



16.3707, 7.9570, 22.5615



0.4078, 0.1974, 0.5988

Inverse Universe

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



30.4529, 25.4297, 38.9010



52.9141, 41.7450, 68.9275



28.1463, 35.2021, 34.6756



7.8070, 7.6527, 9.3009



16.3707, 7.9570, 22.5615



0.4078, 0.1974, 0.5988

Previews

White Background



This preview shows how the XYZ color 30.4521, 25.4286, 38.9005 looks on a white background.

Color Contrast Check

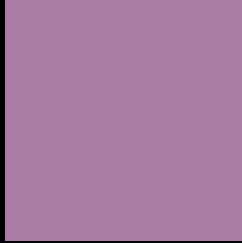
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4521, 25.4286, 38.9005 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 × Fail

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

XYZ 30.4521, 25.4286, 38.9005

Background



This preview shows how black text looks on a background with the XYZ color 30.4521, 25.4286, 38.9005.



This preview shows how white text looks on a background with the XYZ color 30.4521, 25.4286,

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

30.4521, 25.4286, 38.9005

Protanopia

25.7368, 25.6536, 44.1526

Deuteranopia

26.0900, 25.5477, 38.2064



Tritanopia

28.0325, 25.3803, 27.4662

Trichromacy



Original Color

30.4521, 25.4286, 38.9005

Protanomaly

27.1035, 25.3721, 41.9969

Deuteranomaly

27.5796, 25.4922, 38.5888

Tritanomaly

28.7425, 25.2753, 31.3807

Monochromacy



Original Color

30.4521, 25.4286, 38.9005

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.1179, 26.2054, 32.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4521, 25.4286, 38.9005 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(170, 123, 165)` looks like.

```
.text, #text, p{  
    color:rgb(170, 123, 165)  
}
```

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(170, 123, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 165) }
```

Border

The CSS property to change the border of an element to XYZ 30.4521, 25.4286, 38.9005 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(170, 123, 165) }
```


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

```
.border{ border-color:rgb(170, 123, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 123, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 165);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4521, 25.4286, 38.9005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 165) }
```

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

```
.background{ background-color: rgb(170,  
123, 165) }
```

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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