

Converting Colors

XYZ(29.5430, 24.9327, 23.6053)

Have a look what the booklet for
XYZ(29.5430, 24.9327, 23.6053)
contains.

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Color

**XYZ(29.5560, 24.9366,
23.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	B47980
RGB	180, 121, 128
RGB Percent	71%, 47%, 50%
CMY	0.2941, 0.5255, 0.4980
CMYK	0.00, 0.33, 0.29, 0.29
HSL	353°, 28%, 59%
HSV	353°, 33%, 71%
XYZ	29.5560, 24.9366, 23.6775
YIQ	139.4390, 32.9170, 14.6850

Conversions

Conversions Part 2

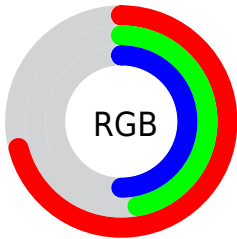
Format	Color
R_{YB}	180, 121, 128
Decimal	11827584
CIE _{Lab}	57.01, 24.03, 5.62
CIE _{LCh}	57, 24.678, 13.154
Yxy	24.9366, 0.3781, 0.3190
Android (android.graphics.Color)	4290017664 (0xFFB47980)
YUV	139.4390, -5.6394, 35.5720
Hunter-Lab	49.9366, 18.2600, 6.8431

Details

The XYZ color **29.5560, 24.9366, 23.6775** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.7503, 39.7251, 45.5316**, and the grayscale version is **24.7227, 26.0102, 28.3251**.

A 20% lighter version of the original color is **58.4016, 51.6128, 50.6002**, and **12.3328, 9.6349, 8.6068** is the 20% darker color. If you saturate the color by 10%, you get **26.6053, 20.5777, 17.9384**, and if you desaturate by 10%, it is **33.0795, 30.1795, 30.4137**.

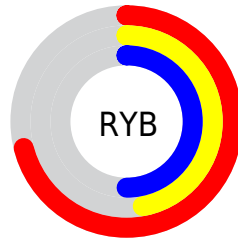
Distribution



Red (71%)

Green (47%)

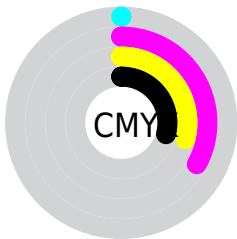
Blue (50%)



Red (71%)

Yellow (47%)

Blue (50%)

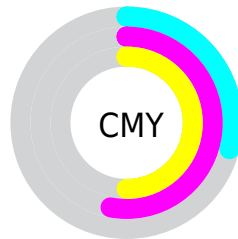


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (29%)



Cyan (29%)


Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5560, 24.9366, 23.6775 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 29.5560, 24.9366, 23.6775 by changing the saturation by 10% instead.


 29.5560, 24.9366,
23.6775


 29.5560, 24.9366,
23.6775


291.7765,
277.5221, 284.4198


 19.6482, 16.0298,
14.8846


 58.3508, 51.5544,
50.4406

 12.2464, 9.5453,
8.5927


 77.9685, 70.0341,
69.2479

 6.9851, 5.0985,
4.3833


 101.5535, 92.4737,
92.2304

 3.4990, 2.3052,
1.8379

129.4713,
119.2574, 119.8066

 1.4228, 0.7764,
0.4528

162.0871,
150.7697, 152.3952

 0.2724, 0.0000,
0.0000

199.7663,

 0.0000, 0.0000,

187.3950, 190.4145

0.0000

242.8743,
229.5177, 234.2832

■ 29.5560, 24.9366,
23.6775

■ 29.5560, 24.9366,
23.6775

■ 26.6053, 20.5777,
17.9384

■ 33.0795, 30.1795,
30.4137

■ 24.1950, 17.0506,
13.1474

■ 37.2019, 36.3476,
38.1899

■ 22.2928, 14.3034,
9.2538


■ 41.9500, 43.4838,
47.0479


■ 20.8617, 12.2767,
6.2013


■ 47.3484, 51.6274,
57.0272


■ 19.8600, 10.9025,
3.9274


■ 53.4205, 60.8154,
68.1651


 19.2382, 10.1000,
2.3603

 60.1885, 71.0828,
80.4972

 18.9609, 9.7587,
1.6106

 67.6734, 82.4633,
94.0576

 72.6203, 88.4384,
107.7872

 72.6324, 88.4433,
107.8509

Harmonies

Analogous

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



29.4484, 24.9366, 32.0472



29.5560, 24.9366, 23.6775



28.0062, 24.9366, 17.6289

Triad

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



29.5560, 24.9366, 23.6775



20.0888, 24.9366, 17.0891



22.1221, 24.9366, 45.4816

Complementary

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



29.5560, 24.9366, 23.6775



31.7503, 39.7251, 45.5316

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.



19.8622, 24.9366, 39.6033



29.5560, 24.9366, 23.6775



18.7556, 24.9366, 22.7820

Square

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



29.5560, 24.9366, 23.6775



22.4551, 24.9366, 14.3818



18.6761, 24.9366, 30.9502



24.9931, 24.9366, 45.8582

Rectangle

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



29.5560, 24.9366, 23.6775



26.3096, 24.9366, 15.2511



18.6761, 24.9366, 30.9502



21.2717, 24.9366, 44.0363

Sweetspot

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



29.5567, 24.9378, 23.6780



69.5857, 69.1033, 73.2368



32.1189, 25.7571, 46.4587



14.7934, 14.5656, 15.3676



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.5567, 24.9378, 23.6780



49.7964, 39.6025, 35.5719



32.0418, 30.6198, 22.3122



8.5360, 8.5211, 9.0550



13.2472, 6.8164, 1.1959



0.4299, 0.2197, 0.1066

Inverse Universe

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



29.5567, 24.9378, 23.6780



49.7964, 39.6025, 35.5719



28.4139, 31.9402, 47.8475



8.5360, 8.5211, 9.0550



13.2472, 6.8164, 1.1959



0.4299, 0.2197, 0.1066

Previews

White Background



This preview shows how the XYZ color 29.5560, 24.9366, 23.6775 looks on a white background.

Color Contrast Check

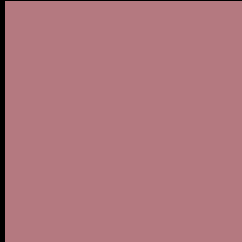
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5560, 24.9366, 23.6775 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 29.5560, 24.9366, 23.6775

Background



This preview shows how black text looks on a background with the XYZ color 29.5560, 24.9366, 23.6775.



This preview shows how white text looks on a background with the XYZ color 29.5560, 24.9366,

23.6775.

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

29.5560, 24.9366, 23.6775

Protanopia

24.2762, 25.2729, 27.2656

Deuteranopia

25.5347, 24.9774, 23.2140



Tritanopia

29.6890, 24.9897, 24.3778

Trichromacy



Original Color

29.5560, 24.9366, 23.6775

Protanomaly

25.9369, 24.9224, 25.9977

Deuteranomaly

26.8598, 24.8632, 23.4621

Tritanomaly

29.6222, 24.9630, 24.0260

Monochromacy



Original Color

29.5560, 24.9366, 23.6775

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.9509, 25.1218, 26.4029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5560, 24.9366, 23.6775 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(180, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(180, 121, 128)  
}
```

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(180, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 121, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.5560, 24.9366, 23.6775 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(180, 121, 128) }
```


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

```
.border{ border-color:rgb(180, 121, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(180, 121,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5560, 24.9366, 23.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 121, 128) }
```

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

```
.background{ background-color: rgb(180,  
121, 128) }
```

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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