

Converting Colors

XYZ(30.0520, 27.3862, 25.3043)

Have a look what the booklet for
XYZ(30.0520, 27.3862, 25.3043)
contains.

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Color

**XYZ(30.1635, 27.5277,
25.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8583
RGB	175, 133, 131
RGB Percent	69%, 52%, 51%
CMY	0.3137, 0.4784, 0.4863
CMYK	0.00, 0.24, 0.25, 0.31
HSL	3°, 22%, 60%
HSV	3°, 25%, 69%
XYZ	30.1635, 27.5277, 25.1963
YIQ	145.3300, 25.6740, 8.2820

Conversions

Conversions Part 2

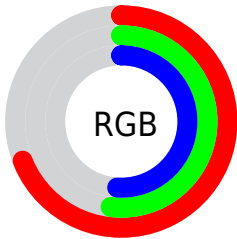
Format	Color
R _Y B	175, 133, 131
Decimal	11502979
CIE Lab	59.46, 15.79, 7.31
CIE LCh	59, 17.405, 24.853
Yxy	27.5277, 0.3639, 0.3321
Android (android.graphics.Color)	4289693059 (0xFFAF8583)
YUV	145.3300, -7.0647, 26.0206
Hunter-Lab	52.4668, 10.8037, 8.2538

Details

The XYZ color **30.1635, 27.5277, 25.1963** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.0412, 37.8066, 46.1664**, and the grayscale version is **27.0690, 28.4787, 31.0133**.

A 20% lighter version of the original color is **59.1656, 55.5674, 52.9546**, and **12.6423, 10.9333, 9.4267** is the 20% darker color. If you saturate the color by 10%, you get **26.9684, 22.8779, 18.7655**, and if you desaturate by 10%, it is **33.9241, 32.9875, 32.8046**.

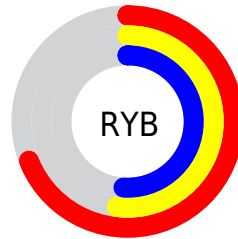
Distribution



Red (69%)

Green (52%)

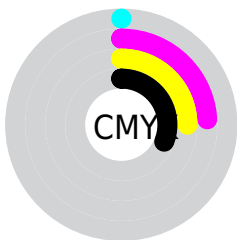
Blue (51%)



Red (69%)

Yellow (52%)

Blue (51%)

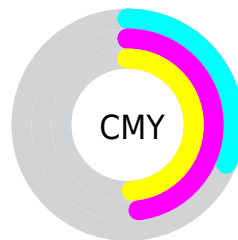


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1635, 27.5277, 25.1963 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 30.1635, 27.5277, 25.1963 by changing the saturation by 10% instead.

■ 30.1635, 27.5277,
25.1963

■ 30.1635, 27.5277,
25.1963

294.5620,
290.2032, 292.2930

■ 20.1114, 17.9699,
16.0030

■ 59.3055, 55.7295,
52.9436

■ 12.5848, 10.9284,
9.3719

■ 79.1261, 75.1423,
72.3346

■ 7.2183, 6.0187,
4.8844

■ 102.9336, 98.6090,
95.9620

■ 3.6465, 2.8565,
2.1221

131.0934,
126.5138, 124.2443

■ 1.5042, 1.0573,
0.6289

163.9708,
159.2413, 157.6000

■ 0.3287, 0.0000,
0.0000

201.9311,

■ 0.0000, 0.0000,

197.1757, 196.4477

0.0000

245.3397,
240.7015, 241.2058

■ 30.1635, 27.5277,
25.1963

■ 30.1635, 27.5277,
25.1963

■ 26.9684, 22.8779,
18.7655

■ 33.9241, 32.9875,
32.8046

■ 24.3094, 18.9959,
13.4519

■ 38.2734, 39.2893,
41.6433

■ 22.1577, 15.8417,
9.1921

■ 43.2359, 46.4679,
51.7641

■ 20.4811, 13.3698,
5.9161

■ 48.8341, 54.5551,
63.2154

■ 19.2435, 11.5298,
3.5452

■ 55.0894, 63.5812,
76.0430

■ 18.4037, 10.2644,
1.9886

■ 62.0222, 73.5749,
90.2904

■ 17.9124, 9.5057,
1.1348

■ 69.6520, 84.5639,
105.9992

■ 17.7658, 9.2870,
0.8562

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



30.5744, 27.5277, 31.0652



30.1635, 27.5277, 25.1963



28.6575, 27.5277, 21.1739

Triad

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



30.1635, 27.5277, 25.1963



22.8780, 27.5277, 23.5677



25.7892, 27.5277, 43.6206

Complementary

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



30.1635, 27.5277, 25.1963



32.0412, 37.8066, 46.1664

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.



23.8200, 27.5277, 40.9239



30.1635, 27.5277, 25.1963



22.2000, 27.5277, 28.9067

Square

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



30.1635, 27.5277, 25.1963



24.4384, 27.5277, 20.3293



22.5351, 27.5277, 35.3182



27.9695, 27.5277, 42.2665

Rectangle

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



30.1635, 27.5277, 25.1963



27.2772, 27.5277, 19.7967



22.5351, 27.5277, 35.3182



25.0820, 27.5277, 43.1479

Sweetspot

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



30.1642, 27.5290, 25.1969



66.0990, 66.8221, 69.6021



33.3904, 28.3847, 43.5255



14.4294, 14.4726, 14.9374



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.1642, 27.5290, 25.1969



50.8232, 44.6496, 38.6791



33.4090, 34.0186, 26.2785



8.0334, 8.0716, 8.3479



12.7350, 6.6755, 0.6173



0.3635, 0.2043, 0.0203

Inverse Universe

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



32.0412, 37.8066, 46.1664



54.7449, 66.1312, 82.5161



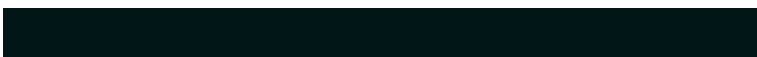
28.2509, 30.2261, 44.9030



8.2046, 9.0086, 10.2591



15.4541, 22.0421, 32.4845



0.4393, 0.6319, 0.9068

Previews

White Background



This preview shows how the XYZ color 30.1635, 27.5277, 25.1963 looks on a white background.

Color Contrast Check

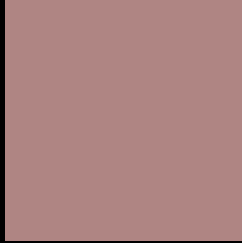
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1635, 27.5277, 25.1963 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 30.1635, 27.5277, 25.1963

Background



This preview shows how black text looks on a background with the XYZ color 30.1635, 27.5277, 25.1963.



This preview shows how white text looks on a background with the XYZ color 30.1635, 27.5277,

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

30.1635, 27.5277, 25.1963

Protanopia

26.4791, 27.7184, 27.2471

Deuteranopia

28.0180, 27.4700, 24.9446



Tritanopia

30.9033, 27.4157, 29.2542

Trichromacy



Original Color

30.1635, 27.5277, 25.1963

Protanomaly

27.6362, 27.4556, 26.3971

Deuteranomaly

28.7698, 27.4355, 24.8983

Tritanomaly

30.7432, 27.5676, 27.7455

Monochromacy



Original Color

30.1635, 27.5277, 25.1963

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.9688, 28.0111, 28.7435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1635, 27.5277, 25.1963 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(175, 133, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 133, 131)  
}
```

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(175, 133, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 133, 131) }
```

Border

The CSS property to change the border of an element to XYZ 30.1635, 27.5277, 25.1963 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(175, 133, 131) }
```


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

```
.border{ border-color:rgb(175, 133, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 133, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 133, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 133, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 133,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1635, 27.5277, 25.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 133, 131) }
```

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

```
.background{ background-color: rgb(175,  
133, 131) }
```

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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