

Converting Colors

XYZ(27.7215, 36.1421, 25.8163)

Have a look what the booklet for
XYZ(27.7215, 36.1421, 25.8163)
contains.

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Color

**XYZ(27.7419, 36.0348,
25.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	80AD80
RGB	128, 173, 128
RGB Percent	50%, 68%, 50%
CMY	0.4980, 0.3216, 0.4980
CMYK	0.26, 0.00, 0.26, 0.32
HSL	120°, 22%, 59%
HSV	120°, 26%, 68%
XYZ	27.7419, 36.0348, 25.9153
YIQ	154.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

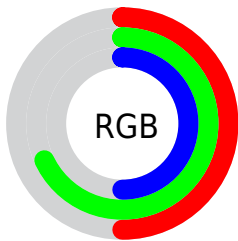
Format	Color
RYB	128, 173, 173
Decimal	8433024
CIELab	66.55, -24.14, 18.38
CIELCh	67, 30.336, 142.716
Yxy	36.0348, 0.3093, 0.4018
Android (android.graphics.Color)	4286623104 (0xFF80AD80)
YUV	154.4150, -13.0226, -23.1660
Hunter-Lab	60.0290, -22.5584, 16.4240

Details

The XYZ color **27.7419, 36.0348, 25.9153** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.4968, 27.3404, 43.1011**, and the grayscale version is **30.9577, 32.5699, 35.4687**.

A 20% lighter version of the original color is **55.6512, 69.3199, 54.1630**, and **11.1883, 15.5752, 9.8138** is the 20% darker color. If you saturate the color by 10%, you get **24.3150, 34.3898, 20.3092**, and if you desaturate by 10%, it is **31.8086, 37.9893, 32.5663**.

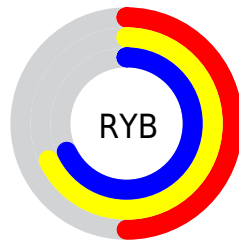
Distribution



Red (50%)

Green (68%)

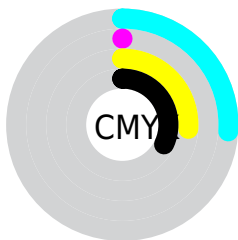
Blue (50%)



Red (50%)

Yellow (68%)

Blue (68%)

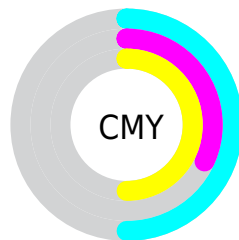


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (32%)



Cyan (50%)


Magenta (32%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7419, 36.0348, 25.9153 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 27.7419, 36.0348, 25.9153 by changing the saturation by 10% instead.


 27.7419, 36.0348,
25.9153


 27.7419, 36.0348,
25.9153


283.3341,
329.1126, 295.9583


 18.2706, 24.4611,
16.5351


 55.4836, 69.0858,
54.1207

 11.2453, 15.6760,
9.7451


 74.4848, 91.3318,
73.7829

 6.3006, 9.2952,
5.1269


 97.3934, 117.9041,
97.7096

 3.0711, 4.9342,
2.2619

124.5747,
149.1870, 126.3192

 1.1915, 2.2087,
0.7097

156.3940,
185.5649, 160.0304

 0.0996, 0.7247,
0.0000

193.2168,

 0.0000, 0.0000,

227.4222, 199.2616

0.0000

235.4084,
275.1433, 244.4314

■ 27.7419, 36.0348,
25.9153

■ 27.7419, 36.0348,
25.9153

■ 24.3150, 34.3898,
20.3092

■ 31.8086, 37.9893,
32.5663

■ 21.4927, 33.0341,
15.6928

■ 36.5423, 40.2631,
40.3091

■ 19.2407, 31.9523,
12.0093

■ 41.9720, 42.8713,
49.1904

■ 17.5203, 31.1259,
9.1952

■ 48.1244, 45.8266,
59.2537

■ 16.2878, 30.5339,
7.1791

■ 55.0246, 49.1411,
70.5400

■ 15.4927, 30.1519,
5.8785

■ 62.6964, 52.8263,
83.0886

■ 15.0684, 29.9482,
5.1846

■ 71.1628, 56.8932,
96.9368

■ 14.9443, 29.8885,
4.9815

■ 74.2343, 58.3685,
101.9614

Harmonies

Analogous

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



30.9772, 36.0348, 20.3446



27.7419, 36.0348, 25.9153



26.2744, 36.0348, 36.1399

Triad

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



27.7419, 36.0348, 25.9153



33.1512, 36.0348, 69.7556



42.9832, 36.0348, 30.3228

Complementary

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



27.7419, 36.0348, 25.9153



32.4968, 27.3404, 43.1011

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.



43.6955, 36.0348, 42.5036



27.7419, 36.0348, 25.9153



37.7456, 36.0348, 67.2278

Square

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



27.7419, 36.0348, 25.9153



29.2125, 36.0348, 62.7749



41.7038, 36.0348, 56.4811



39.8357, 36.0348, 22.4676

Rectangle

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



27.7419, 36.0348, 25.9153



26.3954, 36.0348, 45.0215



41.7038, 36.0348, 56.4811



43.5261, 36.0348, 33.9682

Sweetspot

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



27.7428, 36.0363, 25.9161



63.5366, 71.1907, 69.0709



36.0750, 40.3317, 26.3058



13.5288, 15.3373, 14.5542



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.



27.7428, 36.0363, 25.9161



46.1521, 62.8400, 40.6355



29.3920, 36.6960, 34.6006



7.9045, 8.9394, 8.5223



10.9783, 21.9566, 3.6595



0.3054, 0.6108, 0.1018

Inverse Universe

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



32.4968, 27.3404, 43.1011



56.0674, 44.7029, 76.4784



30.4992, 26.5414, 32.5822



8.3371, 8.1481, 10.0860



18.2018, 8.7433, 29.7718



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 27.7419, 36.0348, 25.9153 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 27.7419, 36.0348, 25.9153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

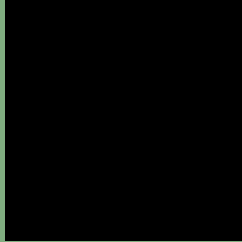
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.7419, 36.0348, 25.9153

Background



This preview shows how black text looks on a background with the XYZ color 27.7419, 36.0348, 25.9153.



This preview shows how white text looks on a background with the XYZ color 27.7419, 36.0348,

25.9153.

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

27.7419, 36.0348, 25.9153

Protanopia

33.3333, 35.6905, 23.8710

Deuteranopia

36.3797, 35.6734, 26.7980



Tritanopia

32.1910, 35.8861, 48.4101

Trichromacy



Original Color

27.7419, 36.0348, 25.9153

Protanomaly

30.8671, 35.4589, 24.6194

Deuteranomaly

32.7429, 35.5863, 26.6158

Tritanomaly

30.4525, 36.0175, 39.0653

Monochromacy



Original Color

27.7419, 36.0348, 25.9153

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.5328, 33.5538, 31.7081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7419, 36.0348, 25.9153 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(128, 173, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 173, 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(128, 173, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 173, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.7419, 36.0348, 25.9153 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(128, 173, 128) }
```


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

```
.border{ border-color:rgb(128, 173, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 173, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 173, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 173, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 173,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7419, 36.0348, 25.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 173, 128) }
```

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

```
.background{ background-color: rgb(128,  
173, 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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