

Converting Colors

XYZ(29.0390, 35.2025, 25.4485)

Have a look what the booklet for
XYZ(29.0390, 35.2025, 25.4485)
contains.

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Color

**XYZ(29.1611, 35.3772,
25.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA87F
RGB	143, 168, 127
RGB Percent	56%, 66%, 50%
CMY	0.4392, 0.3412, 0.5020
CMYK	0.15, 0.00, 0.24, 0.34
HSL	97°, 19%, 58%
HSV	97°, 24%, 66%
XYZ	29.1611, 35.3772, 25.3702
YIQ	155.8510, -1.7390, -18.0510

Conversions

Conversions Part 2

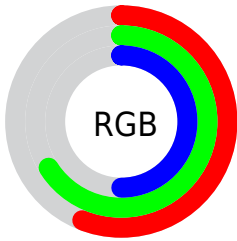
Format	Color
RYB	127, 168, 152
Decimal	9414783
CIELab	66.04, -16.40, 18.38
CIELCh	66, 24.632, 131.735
Yxy	35.3772, 0.3243, 0.3935
Android (android.graphics.Color)	4287604863 (0xFF8FA87F)
YUV	155.8510, -14.2235, -11.2703
Hunter-Lab	59.4787, -16.5732, 16.3454

Details

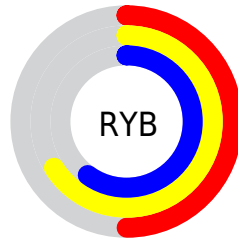
The XYZ color **29.1611, 35.3772, 25.3702** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **27.6076, 24.6823, 40.3567**, and the grayscale version is **31.5962, 33.2417, 36.2002**.

A 20% lighter version of the original color is **57.6519, 67.9410, 53.2554**, and **12.0342, 15.3162, 9.5298** is the 20% darker color. If you saturate the color by 10%, you get **26.4632, 34.1036, 19.9972**, and if you desaturate by 10%, it is **32.2055, 36.8105, 31.7140**.

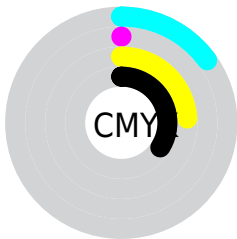
Distribution



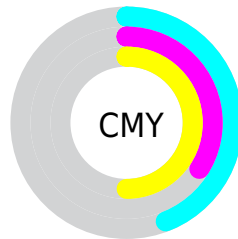
- Red (56%)
- Green (66%)
- Blue (50%)



- Red (50%)
- Yellow (66%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (34%)





- Cyan (44%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1611, 35.3772, 25.3702 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 29.1611, 35.3772, 25.3702 by changing the saturation by 10% instead.


 29.1611, 35.3772,
25.3702


 29.1611, 35.3772,
25.3702


289.9548,
326.2301, 293.1830


 19.3476, 23.9536,
16.1316


 57.7287, 68.0697,
53.2287

 12.0272, 15.2992,
9.4619


 77.2136, 90.1074,
72.6857

 6.8346, 9.0296,
4.9428


 100.6530,
116.4518, 96.3858

 3.4043, 4.7605,
2.1556

128.4122,
147.4875, 124.7476

 1.3710, 2.1074,
0.6486

160.8566,
183.5988, 158.1897

 0.2354, 0.6688,
0.0000

198.3517,

 0.0000, 0.0000,

225.1701, 197.1307

0.0000

241.2626,
272.5857, 241.9889

■ 29.1611, 35.3772,
25.3702

■ 29.1611, 35.3772,
25.3702

■ 26.4632, 34.1036,
19.9972

■ 32.2055, 36.8105,
31.7140

■ 24.0955, 32.9791,
15.5449

■ 35.6062, 38.4043,
39.0707

■ 22.0449, 31.9991,
11.9620

■ 39.3760, 40.1654,
47.4831

■ 20.2956, 31.1568,
9.1915

■ 43.5262, 42.0987,
56.9904

■ 18.8307, 30.4449,
7.1694

■ 48.0675, 44.2091,
67.6301

■ 17.6311, 29.8551,
5.8223

■ 53.0105, 46.5011,
79.4377

■ 16.6745, 29.3777,
5.0615

■ 58.3650, 48.9790,
92.4475

■ 16.2203, 29.1496,
4.7715

■ 63.0920, 51.2277,
101.1704

■ 66.3817, 52.9236,
101.3243

Harmonies

Analogous

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



32.2160, 35.3772, 21.9856



29.1611, 35.3772, 25.3702



27.3842, 35.3772, 32.5510

Triad

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



29.1611, 35.3772, 25.3702



31.4706, 35.3772, 60.9631



40.9843, 35.3772, 34.5701

Complementary

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



29.1611, 35.3772, 25.3702



27.6076, 24.6823, 40.3567

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.



40.7484, 35.3772, 45.1769



29.1611, 35.3772, 25.3702



35.0744, 35.3772, 61.7722

Square

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



29.1611, 35.3772, 25.3702



28.6495, 35.3772, 53.5283



38.5226, 35.3772, 55.5719



39.1455, 35.3772, 26.6169

Rectangle

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



29.1611, 35.3772, 25.3702



27.0794, 35.3772, 39.1324



38.5226, 35.3772, 55.5719



41.1484, 35.3772, 37.9136

Sweetspot

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



29.1620, 35.3787, 25.3710



62.8638, 68.8696, 67.0746



31.1440, 32.1854, 24.6501



13.6251, 14.9748, 14.4529



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.1620, 35.3787, 25.3710



50.3289, 62.9756, 40.8237



26.8596, 34.1603, 26.6868



7.7033, 8.5451, 8.0326



12.3024, 22.0394, 3.6056



0.3569, 0.5659, 0.0904

Inverse Universe

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



27.6076, 24.6823, 40.3567



47.0370, 40.3412, 72.5326



30.4310, 26.1812, 38.5259



7.5542, 7.5183, 9.4714



9.5722, 4.3181, 28.3045



0.2877, 0.1333, 0.6912

Previews

White Background



This preview shows how the XYZ color 29.1611, 35.3772, 25.3702 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 29.1611, 35.3772, 25.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

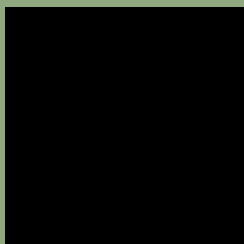
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.1611, 35.3772, 25.3702

Background



This preview shows how black text looks on a background with the XYZ color 29.1611, 35.3772, 25.3702.



This preview shows how white text looks on a background with the XYZ color 29.1611, 35.3772,

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

29.1611, 35.3772, 25.3702

Protanopia

32.9405, 35.2296, 23.8027

Deuteranopia

35.8346, 35.1620, 26.0174



Tritanopia

33.2359, 35.4198, 45.6424

Trichromacy



Original Color

29.1611, 35.3772, 25.3702

Protanomaly

31.4332, 35.2267, 24.2115

Deuteranomaly

32.9381, 34.9273, 25.7745

Tritanomaly

31.4796, 35.2226, 37.4872

Monochromacy



Original Color

29.1611, 35.3772, 25.3702

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.4441, 33.7653, 31.7008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1611, 35.3772, 25.3702 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(143, 168, 127)` looks like.

```
.text, #text, p{  
    color:rgb(143, 168, 127)  
}
```

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(143, 168, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 168, 127) }
```

Border

The CSS property to change the border of an element to XYZ 29.1611, 35.3772, 25.3702 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(143, 168, 127) }
```


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

```
.border{ border-color:rgb(143, 168, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 168, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 168, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 168, 127);  
box-shadow:4px 4px 4px 4px rgb(143, 168,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1611, 35.3772, 25.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 168, 127) }
```

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

```
.background{ background-color: rgb(143,  
168, 127) }
```

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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