

Converting Colors

XYZ(17.9836, 25.7506, 13.4182)

Have a look what the booklet for
XYZ(17.9836, 25.7506, 13.4182)
contains.

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Color

**XYZ(17.9612, 25.7191,
13.4688)**

Conversions

Conversions Part 1

Format	Color
Hex	619859
RGB	97, 152, 89
RGB Percent	38%, 60%, 35%
CMY	0.6196, 0.4039, 0.6510
CMYK	0.36, 0.00, 0.41, 0.40
HSL	112°, 26%, 47%
HSV	112°, 41%, 60%
XYZ	17.9612, 25.7191, 13.4688
YIQ	128.3730, -12.5570, -31.2530

Conversions

Conversions Part 2

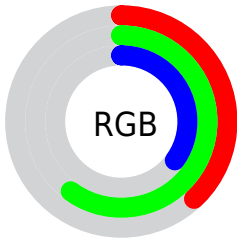
Format	Color
RYB	89, 152, 144
Decimal	6395993
CIELab	57.77, -31.05, 27.54
CIElCh	58, 41.499, 138.429
Yxy	25.7191, 0.3143, 0.4500
Android (android.graphics.Color)	4284586073 (0xFF619859)
YUV	128.3730, -19.4109, -27.5141
Hunter-Lab	50.7140, -25.5308, 19.7534

Details

The XYZ color **17.9612, 25.7191, 13.4688** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.7425, 15.3418, 31.5751**, and the grayscale version is **20.7165, 21.7954, 23.7352**.

A 20% lighter version of the original color is **39.6241, 53.0031, 32.9532**, and **6.1983, 10.0554, 3.8047** is the 20% darker color. If you saturate the color by 10%, you get **16.0902, 24.8216, 10.3865**, and if you desaturate by 10%, it is **20.2019, 26.7935, 17.2575**.

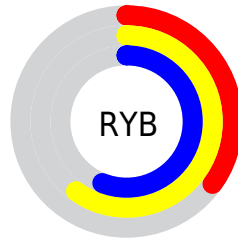
Distribution



Red (38%)

Green (60%)

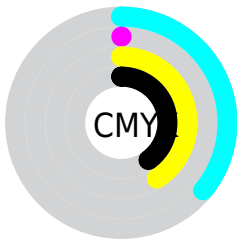
Blue (35%)



Red (35%)

Yellow (60%)

Blue (56%)

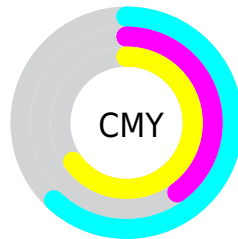


Cyan (36%)

Magenta (0%)

Yellow (41%)

Black (40%)



Cyan (62%)

Magenta (40%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9612, 25.7191, 13.4688 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 17.9612, 25.7191, 13.4688 by changing the saturation by 10% instead.

■ 17.9612, 25.7191,
13.4688

■ 17.9612, 25.7191,
13.4688

233.7021,
281.4004, 225.2130

■ 11.0217, 16.6136,
7.6176

■ 39.5018, 52.8214,
32.8469

■ 6.1488, 9.9594,
3.7670

■ 54.8336, 71.5871,
47.2110

■ 2.9773, 5.3720,
1.4984

■ 73.6934, 94.3416,
65.2497

■ 1.1418, 2.4672,
0.2168

■ 96.4468, 121.4693,
87.3817

■ 0.0596, 0.8601,
0.0000

123.4590,
153.3546, 114.0255

■ 0.0000, 0.0000,
0.0000

155.0954,

190.3820, 145.5996

191.7213,
232.9358, 182.5226

■ 17.9612, 25.7191,
13.4688

■ 17.9612, 25.7191,
13.4688

■ 16.0902, 24.8216,
10.3865

■ 20.2019, 26.7935,
17.2575

■ 14.5670, 24.0884,
7.9654

■ 22.8288, 28.0501,
21.7907

■ 13.3704, 23.5103,
6.1575


■ 25.8597, 29.4980,
27.1060


■ 12.4760, 23.0760,
4.9078


■ 29.3107, 31.1449,
33.2377


■ 11.8559, 22.7724,
4.1514


■ 33.1971, 32.9980,
40.2184

 11.5032, 22.5989,
3.7558

 37.5334, 35.0639,
48.0786

 42.3333, 37.3493,
56.8474

 47.6101, 39.8602,
66.5526

 53.3766, 42.6028,
77.2208

Harmonies

Analogous

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



21.5427, 25.7191, 9.2177



17.9612, 25.7191, 13.4688



16.2164, 25.7191, 22.8574

Triad

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



17.9612, 25.7191, 13.4688



22.5752, 25.7191, 64.3558



34.6962, 25.7191, 20.2016

Complementary

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



17.9612, 25.7191, 13.4688



20.7425, 15.3418, 31.5751

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.



35.0718, 25.7191, 33.8698



17.9612, 25.7191, 13.4688



27.5974, 25.7191, 62.8894

Square

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



17.9612, 25.7191, 13.4688



18.6284, 25.7191, 53.9236



32.3275, 25.7191, 50.4144



31.3620, 25.7191, 12.0952

Rectangle

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



17.9612, 25.7191, 13.4688



16.1472, 25.7191, 32.2167



32.3275, 25.7191, 50.4144



35.1879, 25.7191, 24.1750

Sweetspot

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



17.9618, 25.7202, 13.4694



45.1960, 51.8513, 47.0539



24.6659, 27.2234, 13.4062



10.1234, 11.7139, 10.4320



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.9618, 25.7202, 13.4694



28.5422, 43.8793, 18.5639



18.2790, 25.7535, 19.3666



6.2015, 6.9613, 6.6227



9.6605, 18.9561, 3.1497



0.1610, 0.2919, 0.0479

Inverse Universe

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



20.7425, 15.3418, 31.5751



34.1273, 22.9457, 55.0639



20.4779, 15.4031, 22.6287



6.3840, 6.2839, 7.8054



12.8409, 6.0708, 25.4027



0.2108, 0.1005, 0.3807

Previews

White Background



This preview shows how the XYZ color 17.9612, 25.7191, 13.4688 looks on a white background.

Color Contrast Check

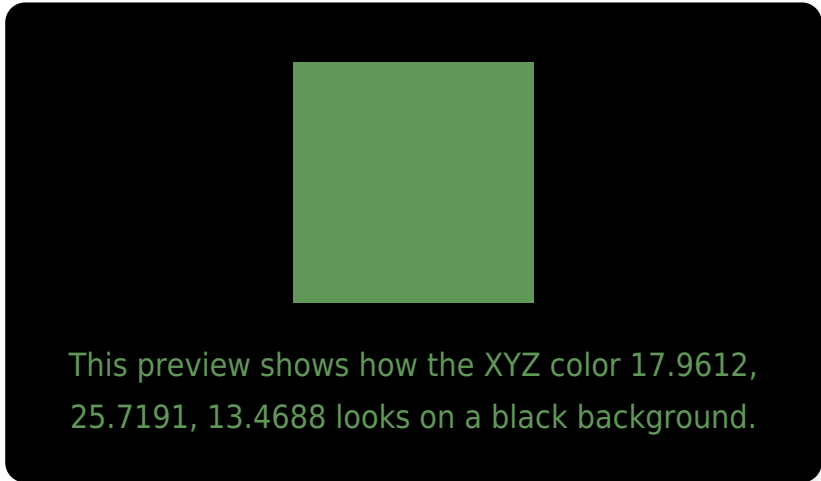
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 17.9612, 25.7191, 13.4688

Background



This preview shows how black text looks on a background with the XYZ color 17.9612, 25.7191, 13.4688.



This preview shows how white text looks on a background with the XYZ color 17.9612, 25.7191,

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

17.9612, 25.7191, 13.4688

Protanopia

23.4512, 25.3964, 12.0535

Deuteranopia

25.7887, 25.3100, 14.1158



Tritanopia

22.2807, 25.5980, 35.2191

Trichromacy



Original Color

17.9612, 25.7191, 13.4688

Protanomaly

20.8622, 25.1421, 12.5575

Deuteranomaly

21.9796, 24.8134, 13.7562

Tritanomaly

20.4243, 25.5366, 25.6824

Monochromacy



Original Color

17.9612, 25.7191, 13.4688

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.3190, 22.8881, 19.3192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9612, 25.7191, 13.4688 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(97, 152, 89)` looks like.

```
.text, #text, p{  
    color:rgb(97, 152, 89)  
}
```

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(97, 152, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 152, 89) }
```

Border

The CSS property to change the border of an element to XYZ 17.9612, 25.7191, 13.4688 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(97, 152, 89) }
```


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

```
.border{ border-color:rgb(97, 152, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 152, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 152, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 152, 89);  
box-shadow:4px 4px 4px 4px rgb(97, 152,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9612, 25.7191, 13.4688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 152, 89) }
```

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

```
.background{ background-color: rgb(97, 152,  
89) }
```

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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