

Converting Colors

XYZ(20.1159, 26.3809, 17.2693)

Have a look what the booklet for
XYZ(20.1159, 26.3809, 17.2693)
contains.

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Color

**XYZ(20.0117, 26.2121,
17.3693)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9669
RGB	111, 150, 105
RGB Percent	44%, 59%, 41%
CMY	0.5647, 0.4118, 0.5882
CMYK	0.26, 0.00, 0.30, 0.41
HSL	112°, 18%, 50%
HSV	112°, 30%, 59%
XYZ	20.0117, 26.2121, 17.3693
YIQ	133.2090, -8.7990, -22.2630

Conversions

Conversions Part 2

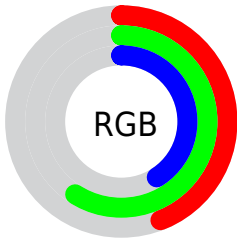
Format	Color
RYB	105, 150, 144
Decimal	7313001
CIELab	58.24, -22.54, 19.53
CIELCh	58, 29.821, 139.093
Yxy	26.2121, 0.3147, 0.4122
Android (android.graphics.Color)	4285503081 (0xFF6F9669)
YUV	133.2090, -13.9070, -19.4773
Hunter-Lab	51.1978, -19.8257, 15.7238

Details

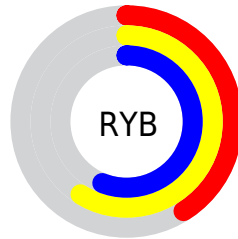
The XYZ color **20.0117, 26.2121, 17.3693** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.0592, 18.2352, 31.2126**, and the grayscale version is **22.4225, 23.5902, 25.6897**.

A 20% lighter version of the original color is **42.9035, 53.4785, 39.5136**, and **7.1870, 10.2432, 5.4692** is the 20% darker color. If you saturate the color by 10%, you get **17.7894, 25.1486, 13.5897**, and if you desaturate by 10%, it is **22.6095, 27.4550, 21.8776**.

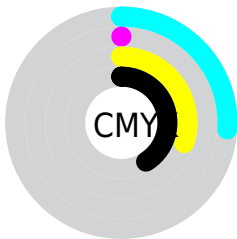
Distribution



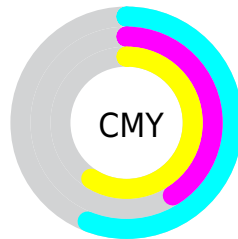
- Red (44%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (56%)



- Cyan (26%)
- Magenta (0%)
- Yellow (30%)
- Black (41%)



- Cyan (56%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0117, 26.2121, 17.3693 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 20.0117, 26.2121, 17.3693 by changing the saturation by 10% instead.

■ 20.0117, 26.2121,
17.3693

■ 20.0117, 26.2121,
17.3693

244.8108,
283.8217, 249.4072

■ 12.5119, 16.9824,
10.3334

■ 42.9406, 53.6169,
39.7590

■ 7.1680, 10.2219,
5.5121

■ 59.1004, 72.5608,
55.9498

■ 3.6146, 5.5464,
2.4868

■ 78.8775, 95.5115,
76.0294

■ 1.4865, 2.5713,
0.8331

■ 102.6373,
122.8535, 100.4163

■ 0.3166, 0.9122,
0.0000

130.7452,
154.9711, 129.5289

■ 0.0000, 0.0000,
0.0000

163.5665,

192.2488, 163.7860

201.4666,
235.0708, 203.6059

■ 20.0117, 26.2121,
17.3693

■ 20.0117, 26.2121,
17.3693

■ 17.7894, 25.1486,
13.5897

■ 22.6095, 27.4550,
21.8776

■ 15.9232, 24.2530,
10.4988

■ 25.5970, 28.8816,
27.1480

■ 14.3949, 23.5176,
8.0557


■ 28.9902, 30.5001,
33.2143


■ 13.1841, 22.9329,
6.2143


■ 32.8035, 32.3173,
40.1075


■ 12.2678, 22.4882,
4.9224


■ 37.0507, 34.3396,
47.8571


 11.6202, 22.1715,
4.1190

 41.7448, 36.5733,
56.4909

 11.1953, 21.9624,
3.6491

 46.8985, 39.0242,
66.0358

 52.5239, 41.6980,
76.5172

 58.6324, 44.6001,
87.9598

Harmonies

Analogous

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



22.7042, 26.2121, 13.5354



20.0117, 26.2121, 17.3693



18.6811, 26.2121, 24.9299

Triad

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



20.0117, 26.2121, 17.3693



23.6189, 26.2121, 52.9511



32.0927, 26.2121, 22.5002

Complementary

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



20.0117, 26.2121, 17.3693



22.0592, 18.2352, 31.2126

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.



32.3983, 26.2121, 32.4840



20.0117, 26.2121, 17.3693



27.2623, 26.2121, 51.8462

Square

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



20.0117, 26.2121, 17.3693



20.6254, 26.2121, 46.4271



30.5575, 26.2121, 43.6976



29.7590, 26.2121, 15.9631

Rectangle

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



20.0117, 26.2121, 17.3693



18.6495, 26.2121, 31.8105



30.5575, 26.2121, 43.6976



32.4439, 26.2121, 25.5027

Sweetspot

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



20.0124, 26.2132, 17.3699



45.6365, 51.1894, 48.7355



25.1018, 27.4517, 17.3407



9.9475, 11.2649, 10.5052



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.0124, 26.2132, 17.3699



32.6130, 44.9644, 26.0395



20.2148, 26.2099, 22.2446



5.7973, 6.5033, 6.1902



9.3017, 18.2231, 3.0272



0.1277, 0.2302, 0.0377

Inverse Universe

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



22.0592, 18.2352, 31.2126



36.8137, 28.5615, 54.4939



21.8984, 18.2952, 24.7499



5.9601, 5.8704, 7.2887



12.2206, 5.7725, 24.4011



0.1665, 0.0794, 0.2995

Previews

White Background



This preview shows how the XYZ color 20.0117, 26.2121, 17.3693 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 20.0117, 26.2121, 17.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

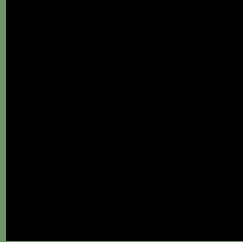
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0117, 26.2121, 17.3693

Background



This preview shows how black text looks on a background with the XYZ color 20.0117, 26.2121, 17.3693.



This preview shows how white text looks on a background with the XYZ color 20.0117, 26.2121,

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

20.0117, 26.2121, 17.3693

Protanopia

24.1105, 25.8694, 15.7791

Deuteranopia

26.3361, 25.9194, 17.8022



Tritanopia

23.6354, 26.3061, 34.8422

Trichromacy



Original Color

20.0117, 26.2121, 17.3693

Protanomaly

22.3741, 25.8385, 16.3785

Deuteranomaly

23.5335, 25.7470, 17.6392

Tritanomaly

22.1304, 26.1458, 27.5472

Monochromacy



Original Color

20.0117, 26.2121, 17.3693

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.2652, 24.2553, 22.2998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0117, 26.2121, 17.3693 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(111, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(111, 150, 105)  
}
```

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(111, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 150, 105) }
```

Border

The CSS property to change the border of an element to XYZ 20.0117, 26.2121, 17.3693 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(111, 150, 105) }
```


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

```
.border{ border-color:rgb(111, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(111, 150,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0117, 26.2121, 17.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 150, 105) }
```

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

```
.background{ background-color: rgb(111,  
150, 105) }
```

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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