

Converting Colors

XYZ(20.0527, 28.7805, 14.3958)

Have a look what the booklet for
XYZ(20.0527, 28.7805, 14.3958)
contains.

XYZ(20.0527, 28.7805, 14.3958)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.0527, 28.7805,
14.3958)**

Conversions

Conversions Part 1

Format	Color
Hex	67A05B
RGB	103, 160, 91
RGB Percent	40%, 63%, 36%
CMY	0.5961, 0.3725, 0.6431
CMYK	0.36, 0.00, 0.43, 0.37
HSL	110°, 27%, 49%
HSV	110°, 43%, 63%
XYZ	20.0527, 28.7805, 14.3958
YIQ	135.0910, -11.8230, -33.5430

Conversions

Conversions Part 2

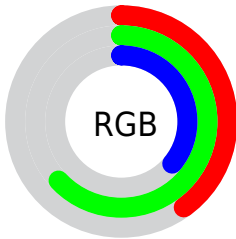
Format	Color
R_{YB}	91, 160, 148
Decimal	6791259
CIE _{Lab}	60.59, -32.46, 30.16
CIE _{LCh}	61, 44.310, 137.106
Yxy	28.7805, 0.3171, 0.4552
Android (android.graphics.Color)	4284981339 (0xFF67A05B)
YUV	135.0910, -21.7369, -28.1438
Hunter-Lab	53.6475, -27.1622, 21.6433

Details

The XYZ color **20.0527, 28.7805, 14.3958** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.3001, 16.3169, 35.2333**, and the grayscale version is **23.1449, 24.3502, 26.5174**.

A 20% lighter version of the original color is **42.8932, 57.6218, 34.4526**, and **7.2148, 11.6296, 4.1500** is the 20% darker color. If you saturate the color by 10%, you get **18.0368, 27.8136, 11.0748**, and if you desaturate by 10%, it is **22.4569, 29.9323, 18.5044**.

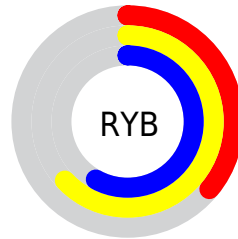
Distribution



Red (40%)

Green (63%)

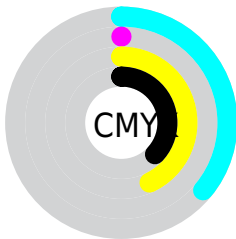
Blue (36%)



Red (36%)

Yellow (63%)

Blue (58%)

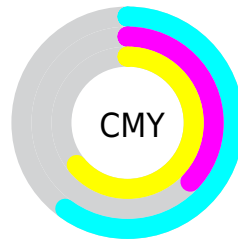


Cyan (36%)

Magenta (0%)

Yellow (43%)

Black (37%)



Cyan (60%)

Magenta (37%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0527, 28.7805, 14.3958 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 20.0527, 28.7805, 14.3958 by changing the saturation by 10% instead.

■ 20.0527, 28.7805,
14.3958

■ 20.0527, 28.7805,
14.3958

245.0284,
296.1779, 231.1928

■ 12.5418, 18.9148,
8.2546

■ 43.0088, 57.7282,
34.5169

■ 7.1886, 11.6088,
4.1682

■ 59.1847, 77.5789,
49.3338

■ 3.6277, 6.4779,
1.7181

■ 78.9798, 101.5269,
67.8797

■ 1.4938, 3.1378,
0.3731

■ 102.7592,
129.9564, 90.5731

■ 0.3216, 1.2041,
0.0000

130.8884,
163.2519, 117.8326

■ 0.0000, 0.0650,
0.0000

163.7328,

■ 0.0000, 0.0000,

201.7977, 150.0767

0.0000

201.6577,
245.9782, 187.7239

■ 20.0527, 28.7805,
14.3958

■ 20.0527, 28.7805,
14.3958

■ 18.0368, 27.8136,
11.0748

■ 22.4569, 29.9323,
18.5044

■ 16.3864, 27.0183,
8.4892

■ 25.2664, 31.2743,
23.4445

■ 15.0796, 26.3854,
6.5837


■ 28.4998, 32.8158,
29.2591


■ 14.0910, 25.9033,
5.2941


■ 32.1737, 34.5646,
35.9876


■ 13.3916, 25.5586,
4.5441


■ 36.3040, 36.5282,
43.6670

 13.0455, 25.3871,
4.2126

 40.9057, 38.7134,
52.3323

 45.9932, 41.1270,
62.0166

 51.5803, 43.7754,
72.7518

 57.6800, 46.6647,
84.5679

Harmonies

Analogous

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



24.2413, 28.7805, 9.8222



20.0527, 28.7805, 14.3958



17.9612, 28.7805, 24.8114

Triad

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



20.0527, 28.7805, 14.3958



24.9698, 28.7805, 73.2436



39.2912, 28.7805, 22.9438

Complementary

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



20.0527, 28.7805, 14.3958



22.3001, 16.3169, 35.2333

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.



39.5586, 28.7805, 38.9171



20.0527, 28.7805, 14.3958



30.7246, 28.7805, 72.1920

Square

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



20.0527, 28.7805, 14.3958



20.5217, 28.7805, 60.5957



36.2444, 28.7805, 58.0868



35.5583, 28.7805, 13.4417

Rectangle

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



20.0527, 28.7805, 14.3958



17.8157, 28.7805, 35.4036



36.2444, 28.7805, 58.0868



39.8061, 28.7805, 27.5945

Sweetspot

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



20.0534, 28.7817, 14.3964



51.6665, 59.5439, 52.9810



26.8749, 29.2067, 14.1189



11.0479, 12.9239, 11.1062



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.0534, 28.7817, 14.3964



32.7889, 50.5188, 20.1731



19.8582, 28.5559, 20.0444



6.6530, 7.4538, 7.0737



10.1893, 19.7895, 3.2827



0.2084, 0.3674, 0.0599

Inverse Universe

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



22.3001, 16.3169, 35.2333



37.3966, 24.7653, 63.1957



22.8376, 16.7958, 26.1410



6.7909, 6.6962, 8.3413



12.4095, 5.8264, 26.3778



0.2491, 0.1182, 0.4729

Previews

White Background



This preview shows how the XYZ color 20.0527, 28.7805, 14.3958 looks on a white background.

Color Contrast Check

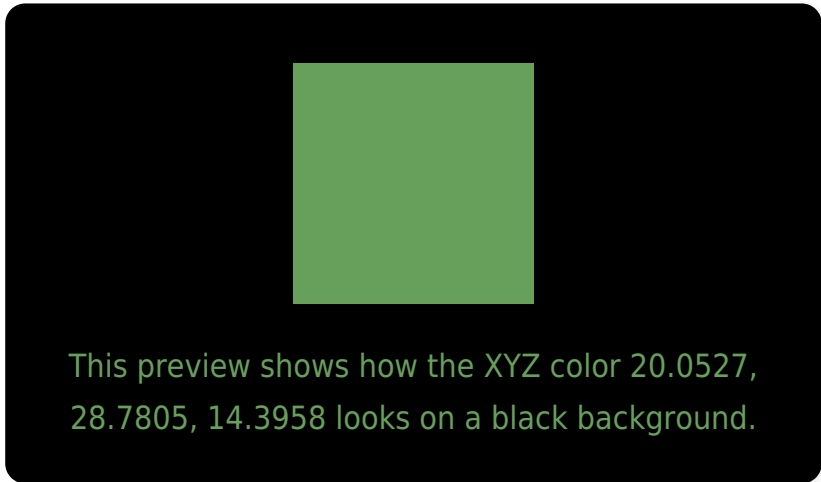
Large Text (above 18pt) WCAG AA ✓ Pass

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

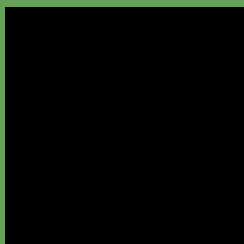
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0527, 28.7805, 14.3958

Background



This preview shows how black text looks on a background with the XYZ color 20.0527, 28.7805, 14.3958.



This preview shows how white text looks on a background with the XYZ color 20.0527, 28.7805,

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

20.0527, 28.7805, 14.3958

Protanopia

26.2567, 28.6006, 12.9407

Deuteranopia

29.0231, 28.4237, 15.0230



Tritanopia

25.1315, 28.8498, 39.3660

Trichromacy



Original Color

20.0527, 28.7805, 14.3958

Protanomaly

23.4755, 28.3268, 13.4628

Deuteranomaly

24.8485, 28.0652, 14.6971

Tritanomaly

22.7922, 28.6283, 27.9915

Monochromacy



Original Color

20.0527, 28.7805, 14.3958

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.4714, 25.4894, 21.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0527, 28.7805, 14.3958 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(103, 160, 91)` looks like.

```
.text, #text, p{  
    color:rgb(103, 160, 91)  
}
```

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(103, 160, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 160, 91) }
```

Border

The CSS property to change the border of an element to XYZ 20.0527, 28.7805, 14.3958 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(103, 160, 91) }
```


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

```
.border{ border-color:rgb(103, 160, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 160, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 160, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 160, 91);  
box-shadow:4px 4px 4px 4px rgb(103, 160,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0527, 28.7805, 14.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 160, 91) }
```

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

```
.background{ background-color: rgb(103,  
160, 91) }
```

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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