

Converting Colors

XYZ(20.6667, 25.3995, 27.1059)

Have a look what the booklet for
XYZ(20.6667, 25.3995, 27.1059)
contains.

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Color

**XYZ(20.6667, 25.3995,
27.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9288
RGB	106, 146, 136
RGB Percent	42%, 57%, 53%
CMY	0.5843, 0.4274, 0.4667
CMYK	0.27, 0.00, 0.07, 0.43
HSL	165°, 16%, 49%
HSV	165°, 27%, 57%
XYZ	20.6667, 25.3995, 27.1059
YIQ	132.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

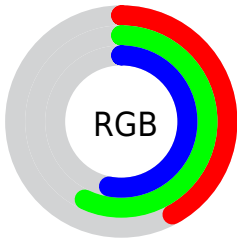
Format	Color
R_{YB}	106, 129, 146
Decimal	6984328
CIE _{Lab}	57.46, -15.99, 0.85
CIE _{LCh}	57, 16.008, 176.974
Y _{xy}	25.3995, 0.2824, 0.3471
Android (android.graphics.Color)	4285174408 (0xFF6A9288)
YUV	132.9000, 1.5283, -23.5913
Hunter-Lab	50.3979, -14.9988, 3.3901

Details

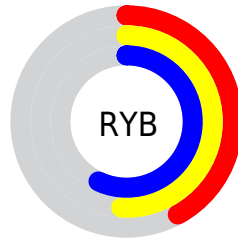
The XYZ color **20.6667, 25.3995, 27.1059** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1614, 17.6808, 18.8742**, and the grayscale version is **22.2585, 23.4177, 25.5019**.

A 20% lighter version of the original color is **43.9401, 52.2518, 55.9138**, and **7.4593, 9.7262, 10.2883** is the 20% darker color. If you saturate the color by 10%, you get **18.8223, 24.4788, 25.6886**, and if you desaturate by 10%, it is **22.8168, 26.4781, 28.5847**.

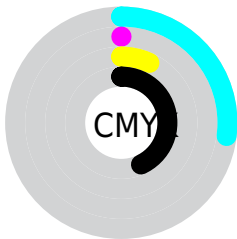
Distribution



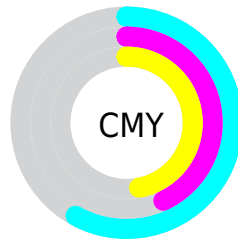
- Red (42%)
- Green (57%)
- Blue (53%)



- Red (42%)
- Yellow (51%)
- Blue (57%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (43%)



- Cyan (58%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6667, 25.3995, 27.1059 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 20.6667, 25.3995, 27.1059 by changing the saturation by 10% instead.

■ 20.6667, 25.3995,
27.1059

■ 20.6667, 25.3995,
27.1059

248.2672,
279.8217, 301.9459

■ 12.9917, 16.3749,
17.4196

■ 44.0276, 52.3046,
56.0596

■ 7.4998, 9.7899,
10.3690

■ 60.4442, 70.9539,
76.1640

■ 3.8257, 5.2599,
5.5355

■ 80.5054, 93.5803,
100.5783

■ 1.6040, 2.4005,
2.5006

■ 104.5765,
120.5681, 129.7210

■ 0.3950, 0.8262,
0.8405

133.0229,
152.3018, 164.0105

■ 0.0000, 0.0000,
0.0000

166.2099,

189.1656, 203.8655

204.5029,
231.5441, 249.7044

■ 20.6667, 25.3995,
27.1059

■ 20.6667, 25.3995,
27.1059

■ 18.8223, 24.4788,
25.6886

■ 22.8168, 26.4781,
28.5847

■ 17.2664, 23.7052,
24.3300

■ 25.2845, 27.7187,
30.1245

■ 15.9834, 23.0712,
23.0293

■ 28.0835, 29.1291,
31.7267

■ 14.9552, 22.5676,
21.7854

■ 31.2262, 30.7156,
33.3926

■ 14.1616, 22.1840,
20.5967

■ 34.7244, 32.4843,
35.1229

■ 13.5791, 21.9083,
19.4617

■ 38.5892, 34.4409,
36.9187

■ 13.1658, 21.7187,
18.3779

■ 42.8312, 36.5910,
38.7809

■ 13.0665, 21.6735,
18.1033

■ 47.4608, 38.9397,
40.7104

■ 52.4876, 41.4921,
42.7080

Harmonies

Analogous

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



21.2000, 25.3995, 22.3254



20.6667, 25.3995, 27.1059



21.0232, 25.3995, 32.6898

Triad

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



20.6667, 25.3995, 27.1059



25.8406, 25.3995, 38.0929



26.1924, 25.3995, 19.7629

Complementary

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



20.6667, 25.3995, 27.1059



20.1614, 17.6808, 18.8742

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.



27.5537, 25.3995, 23.1670



20.6667, 25.3995, 27.1059



27.3432, 25.3995, 33.7734

Square

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



20.6667, 25.3995, 27.1059



23.9487, 25.3995, 39.5041



27.9854, 25.3995, 28.2130



24.3353, 25.3995, 18.4505

Rectangle

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



20.6667, 25.3995, 27.1059



21.7284, 25.3995, 36.0514



27.9854, 25.3995, 28.2130



26.7269, 25.3995, 20.6766

Sweetspot

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



20.6674, 25.4005, 27.1065



44.2497, 48.7191, 52.9292



20.1726, 25.3583, 17.4676



9.7039, 10.7677, 11.6900



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.6674, 25.4005, 27.1065



34.3561, 43.7567, 46.2362



20.0313, 22.9371, 30.5668



5.9028, 6.5377, 7.0990



11.5072, 19.0757, 15.9786



0.1526, 0.2382, 0.2576

Inverse Universe

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



20.1614, 17.6808, 18.8742



33.3102, 27.7651, 29.1944



20.6252, 19.4900, 16.3111



5.8568, 5.8378, 6.3518



10.7266, 5.4957, 2.0415



0.1417, 0.0714, 0.0796

Previews

White Background



This preview shows how the XYZ color 20.6667, 25.3995, 27.1059 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 20.6667, 25.3995, 27.1059 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

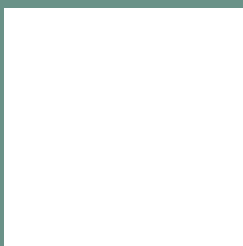
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6667, 25.3995, 27.1059

Background



This preview shows how black text looks on a background with the XYZ color 20.6667, 25.3995, 27.1059.

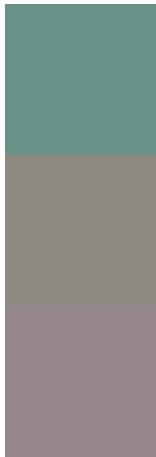


This preview shows how white text looks on a background with the XYZ color 20.6667, 25.3995,

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

20.6667, 25.3995, 27.1059

Protanopia

24.1977, 25.2808, 25.0771

Deuteranopia

25.6254, 25.1232, 27.9247



Tritanopia

22.1693, 25.3265, 34.7304

Trichromacy



Original Color

20.6667, 25.3995, 27.1059

Protanomaly

22.6650, 25.1167, 25.8437

Deuteranomaly

23.5074, 25.0803, 27.6468

Tritanomaly

21.6252, 25.3358, 31.7675

Monochromacy



Original Color

20.6667, 25.3995, 27.1059

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.5599, 24.1091, 26.0715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6667, 25.3995, 27.1059 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(106, 146, 136)` looks like.

```
.text, #text, p{  
    color:rgb(106, 146, 136)  
}
```

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(106, 146, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 146, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.6667, 25.3995, 27.1059 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(106, 146, 136) }
```


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

```
.border{ border-color:rgb(106, 146, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 146, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 146, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 146, 136);  
box-shadow:4px 4px 4px 4px rgb(106, 146,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6667, 25.3995, 27.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 146, 136) }
```

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

```
.background{ background-color: rgb(106,  
146, 136) }
```

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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