

Converting Colors

XYZ(20.7315, 26.5075, 31.6492)

Have a look what the booklet for
XYZ(20.7315, 26.5075, 31.6492)
contains.

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Color

**XYZ(20.7467, 26.5151,
31.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9793
RGB	92, 151, 147
RGB Percent	36%, 59%, 58%
CMY	0.6392, 0.4078, 0.4235
CMYK	0.39, 0.00, 0.03, 0.41
HSL	176°, 24%, 48%
HSV	176°, 39%, 59%
XYZ	20.7467, 26.5151, 31.6282
YIQ	132.9030, -33.8800, -13.7520

Conversions

Conversions Part 2

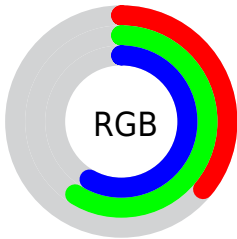
Format	Color
R_{YB}	92, 123, 151
Decimal	6068115
CIE _{Lab}	58.52, -20.17, -3.97
CIE _{LCh}	59, 20.554, 191.129
Yxy	26.5151, 0.2630, 0.3361
Android (android.graphics.Color)	4284258195 (0xFF5C9793)
YUV	132.9030, 6.9498, -35.8719
Hunter-Lab	51.4928, -18.1939, -0.3725

Details

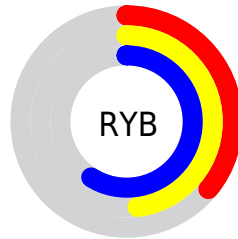
The XYZ color **20.7467, 26.5151, 31.6282** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7019, 15.0789, 12.9922**, and the grayscale version is **22.2440, 23.4024, 25.4853**.

A 20% lighter version of the original color is **44.0510, 53.8994, 63.3402**, and **7.5899, 10.4285, 12.9221** is the 20% darker color. If you saturate the color by 10%, you get **19.3062, 25.7824, 31.1437**, and if you desaturate by 10%, it is **22.4901, 27.4052, 32.1318**.

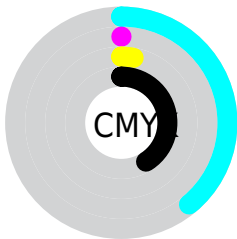
Distribution



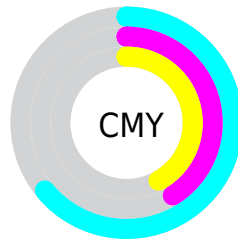
- Red (36%)
- Green (59%)
- Blue (58%)



- Red (36%)
- Yellow (48%)
- Blue (59%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7467, 26.5151, 31.6282 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 20.7467, 26.5151, 31.6282 by changing the saturation by 10% instead.

■ 20.7467, 26.5151,
31.6282

■ 20.7467, 26.5151,
31.6282

248.6865,
285.3016, 323.8625

■ 13.0504, 17.2094,
20.8152

■ 44.1601, 54.1048,
63.3189

■ 7.5405, 10.3839,
12.7991

■ 60.6078, 73.1575,
85.0337

■ 3.8517, 5.6542,
7.1612

■ 80.7034, 96.2281,
111.2195

■ 1.6186, 2.6360,
3.4832

■ 104.8122,
123.7008, 142.2948

■ 0.4045, 0.9448,
1.3463

133.2995,
155.9601, 178.6782

■ 0.0000, 0.0000,
0.0993

166.5308,

■ 0.0000, 0.0000,

193.3904, 220.7883

0.0000

204.8714,
236.3761, 269.0435

■ 20.7467, 26.5151,
31.6282

■ 20.7467, 26.5151,
31.6282

■ 19.3062, 25.7824,
31.1437

■ 22.4901, 27.4052,
32.1318

■ 18.1484, 25.1947,
30.6755

■ 24.5506, 28.4580,
32.6534

■ 17.2542, 24.7428,
30.2234

■ 26.9443, 29.6825,
33.1944

■ 16.6011, 24.4151,
29.7862

■ 29.6855, 31.0861,
33.7554

■ 16.1629, 24.1981,
29.3629

■ 32.7876, 32.6756,
34.3371

■ 15.8816, 24.0619,
28.9505

■ 36.2633, 34.4576,
34.9400

■ 15.8570, 24.0501,
28.9125

■ 40.1248, 36.4385,
35.5648

■ 44.3837, 38.6241,
36.2120

■ 49.0511, 41.0203,
36.8821

Harmonies

Analogous

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



20.8956, 26.5151, 24.6170



20.7467, 26.5151, 31.6282



21.7306, 26.5151, 38.9764

Triad

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



20.7467, 26.5151, 31.6282



28.5198, 26.5151, 40.6147



26.7992, 26.5151, 17.6443

Complementary

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



20.7467, 26.5151, 31.6282



18.7019, 15.0789, 12.9922

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.



29.0243, 26.5151, 20.6823



20.7467, 26.5151, 31.6282



30.0624, 26.5151, 33.5877

Square

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



20.7467, 26.5151, 31.6282



26.1472, 26.5151, 44.7107



30.2530, 26.5151, 26.2778



24.2795, 26.5151, 17.2979

Rectangle

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



20.7467, 26.5151, 31.6282



22.9373, 26.5151, 42.7828



30.2530, 26.5151, 26.2778



27.6106, 26.5151, 18.3576

Sweetspot

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



20.7475, 26.5162, 31.6288



46.8280, 52.4269, 59.1341



17.9201, 25.4438, 14.0925



10.5275, 11.8567, 13.4146



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.



20.7475, 26.5162, 31.6288



34.8397, 46.3066, 55.8691



17.5146, 19.5391, 32.1276



6.3665, 7.0193, 7.8534



13.4936, 20.4609, 24.6178



0.2064, 0.3078, 0.3927

Inverse Universe

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



18.7019, 15.0789, 12.9922



30.6452, 22.8295, 17.6361



21.0080, 19.9786, 12.8748



6.2249, 6.2291, 6.5647



10.9095, 5.6180, 0.7826



0.1671, 0.0856, 0.0325

Previews

White Background



This preview shows how the XYZ color 20.7467, 26.5151, 31.6282 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 20.7467, 26.5151, 31.6282 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

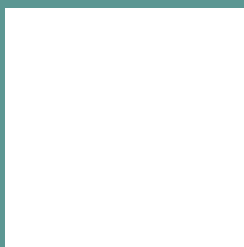
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7467, 26.5151, 31.6282

Background



This preview shows how black text looks on a background with the XYZ color 20.7467, 26.5151, 31.6282.

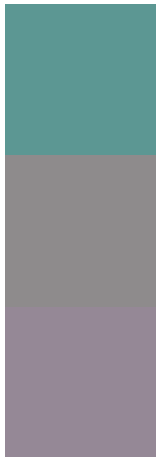


This preview shows how white text looks on a background with the XYZ color 20.7467, 26.5151,

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

20.7467, 26.5151, 31.6282

Protanopia

25.1216, 26.1095, 28.5265

Deuteranopia

26.7036, 26.1999, 32.5038



Tritanopia

22.0043, 26.5549, 37.6841

Trichromacy



Original Color

20.7467, 26.5151, 31.6282

Protanomaly

23.0926, 25.9132, 29.7712

Deuteranomaly

23.8518, 25.8089, 32.1583

Tritanomaly

21.6264, 26.6459, 35.4558

Monochromacy



Original Color

20.7467, 26.5151, 31.6282

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4367, 24.4427, 27.6328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7467, 26.5151, 31.6282 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(92, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(92, 151, 147)  
}
```

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(92, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 151, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.7467, 26.5151, 31.6282 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(92, 151, 147) }
```


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

```
.border{ border-color:rgb(92, 151, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(92, 151,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7467, 26.5151, 31.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 151, 147) }
```

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

```
.background{ background-color: rgb(92, 151,  
147) }
```

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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