

Converting Colors

XYZ(20.4610, 25.8511, 31.9519)

Have a look what the booklet for
XYZ(20.4610, 25.8511, 31.9519)
contains.

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Color

**XYZ(20.5064, 25.9083,
31.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9594
RGB	92, 149, 148
RGB Percent	36%, 58%, 58%
CMY	0.6392, 0.4157, 0.4196
CMYK	0.38, 0.00, 0.01, 0.42
HSL	179°, 24%, 47%
HSV	179°, 38%, 58%
XYZ	20.5064, 25.9083, 31.9370
YIQ	131.8430, -33.6510, -12.3950

Conversions

Conversions Part 2

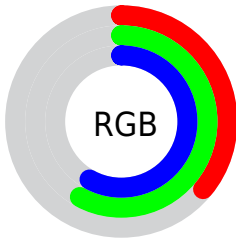
Format	Color
R_{YB}	92, 121, 149
Decimal	6067604
CIE _{Lab}	57.95, -18.87, -5.38
CIE _{LCh}	58, 19.619, 195.930
Yxy	25.9083, 0.2617, 0.3307
Android (android.graphics.Color)	4284257684 (0xFF5C9594)
YUV	131.8430, 7.9654, -34.9423
Hunter-Lab	50.9002, -17.1622, -1.5710

Details

The XYZ color **20.5064, 25.9083, 31.9370** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1983, 14.8350, 12.2612**, and the grayscale version is **21.8571, 22.9954, 25.0420**.

A 20% lighter version of the original color is **43.6937, 52.9959, 63.8034**, and **7.4004, 10.0495, 12.8590** is the 20% darker color. If you saturate the color by 10%, you get **19.1414, 25.2076, 31.7656**, and if you desaturate by 10%, it is **22.1658, 26.7620, 32.1235**.

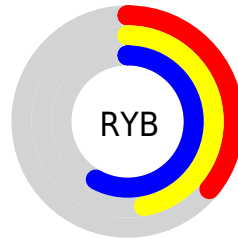
Distribution



Red (36%)

Green (58%)

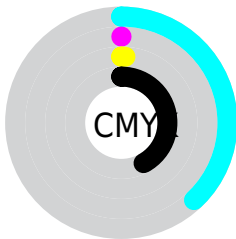
Blue (58%)



Red (36%)

Yellow (47%)

Blue (58%)

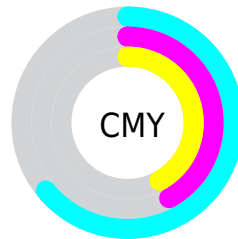


Cyan (38%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (64%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5064, 25.9083, 31.9370 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 20.5064, 25.9083, 31.9370 by changing the saturation by 10% instead.

■ 20.5064, 25.9083,
31.9370

■ 20.5064, 25.9083,
31.9370

247.4252,
282.3316, 325.3160

■ 12.8741, 16.7551,
21.0490

■ 43.7621, 53.1270,
63.8091

■ 7.4183, 10.0600,
12.9682

■ 60.1162, 71.9612,
85.6302

■ 3.7737, 5.4388,
7.2762

■ 80.1082, 94.7912,
111.9327

■ 1.5749, 2.5069,
3.5544

■ 104.1035,
122.0014, 143.1353

■ 0.3760, 0.8801,
1.3842

132.4675,
153.9761, 179.6563

■ 0.0000, 0.0000,
0.1293

165.5656,

■ 0.0000, 0.0000,

191.0998, 221.9145

0.0000

203.7630,
233.7568, 270.3282

■ 20.5064, 25.9083,
31.9370

■ 20.5064, 25.9083,
31.9370

■ 19.1414, 25.2076,
31.7656

■ 22.1658, 26.7620,
32.1235

■ 18.0512, 24.6480,
31.6068

■ 24.1330, 27.7737,
32.3241

■ 17.2175, 24.2206,
31.4602

■ 26.4236, 28.9522,
32.5401

■ 16.6189, 23.9144,
31.3249

■ 29.0514, 30.3044,
32.7722

■ 16.2304, 23.7165,
31.1996

■ 32.0293, 31.8371,
33.0208

■ 16.0023, 23.6012,
31.0821

■ 35.3695, 33.5567,
33.2867

■ 15.9661, 23.5830,
31.0618

■ 39.0838, 35.4690,
33.5703

■ 43.1833, 37.5800,
33.8721

■ 47.6787, 39.8950,
34.1928

Harmonies

Analogous

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



20.4726, 25.9083, 25.1610



20.5064, 25.9083, 31.9370



21.5960, 25.9083, 38.6386

Triad

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



20.5064, 25.9083, 31.9370



28.0386, 25.9083, 38.2710



25.7470, 25.9083, 17.3698

Complementary

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



20.5064, 25.9083, 31.9370



18.1983, 14.8350, 12.2612

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.



27.9249, 25.9083, 19.8497



20.5064, 25.9083, 31.9370



29.3042, 25.9083, 31.4953

Square

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



20.5064, 25.9083, 31.9370



25.8943, 25.9083, 42.6760



29.2613, 25.9083, 24.7844



23.3980, 25.9083, 17.4491

Rectangle

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



20.5064, 25.9083, 31.9370



22.8168, 25.9083, 41.8483



29.2613, 25.9083, 24.7844



26.5265, 25.9083, 17.9121

Sweetspot

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



20.5072, 25.9093, 31.9376



46.0397, 51.1892, 58.1552



17.2859, 24.6430, 13.9714



10.0915, 11.2868, 12.8776



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.



20.5072, 25.9093, 31.9376



34.5726, 45.2930, 56.9253



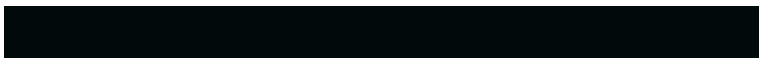
16.8480, 18.4636, 31.1107



5.9598, 6.5605, 7.3990



13.4385, 19.8482, 26.1482



0.1656, 0.2434, 0.3260

Inverse Universe

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



18.1983, 14.8350, 12.2612



29.8259, 22.5204, 16.4701



20.8764, 20.2619, 12.9365



5.8047, 5.8169, 6.0776



10.4449, 5.3830, 0.5580



0.1287, 0.0662, 0.0111

Previews

White Background



This preview shows how the XYZ color 20.5064, 25.9083, 31.9370 looks on a white background.

Color Contrast Check

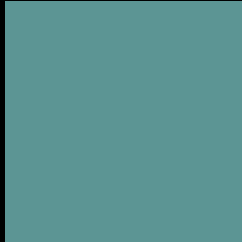
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5064, 25.9083, 31.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

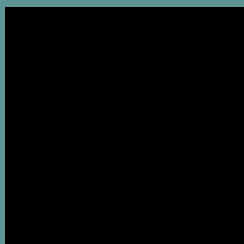
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

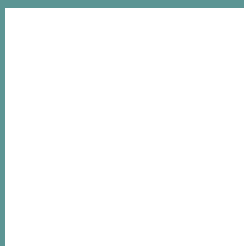
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5064, 25.9083, 31.9370

Background



This preview shows how black text looks on a background with the XYZ color 20.5064, 25.9083, 31.9370.

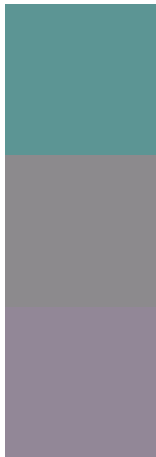


This preview shows how white text looks on a background with the XYZ color 20.5064, 25.9083,

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

20.5064, 25.9083, 31.9370

Protanopia

24.7114, 25.6755, 28.8527

Deuteranopia

26.1039, 25.6733, 32.8578



Tritanopia

21.4110, 25.8035, 36.6530

Trichromacy



Original Color

20.5064, 25.9083, 31.9370

Protanomaly

22.8754, 25.5706, 30.1155

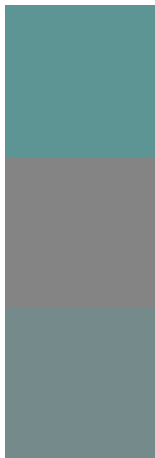
Deuteranomaly

23.4873, 25.3938, 32.5177

Tritanomaly

21.1224, 25.9261, 34.9013

Monochromacy



Original Color

20.5064, 25.9083, 31.9370

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.0120, 23.7938, 27.5300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5064, 25.9083, 31.9370 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, 149, 148)` looks like.

```
.text, #text, p{  
    color:rgb(92, 149, 148)  
}
```

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, 149, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 149, 148) }
```

Border

The CSS property to change the border of an element to XYZ 20.5064, 25.9083, 31.9370 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, 149, 148) }
```


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

```
.border{ border-color:rgb(92, 149, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 149, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 149, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 149, 148);  
box-shadow:4px 4px 4px 4px rgb(92, 149,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5064, 25.9083, 31.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 149, 148) }
```

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

```
.background{ background-color: rgb(92, 149,  
148) }
```

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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