

Converting Colors

XYZ(20.7043, 26.3413, 33.2003)

Have a look what the booklet for
XYZ(20.7043, 26.3413, 33.2003)
contains.

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Color

**XYZ(20.7723, 26.4914,
33.2967)**

Conversions

Conversions Part 1

Format	Color
Hex	599797
RGB	89, 151, 151
RGB Percent	35%, 59%, 59%
CMY	0.6510, 0.4078, 0.4078
CMYK	0.41, 0.00, 0.00, 0.41
HSL	180°, 26%, 47%
HSV	180°, 41%, 59%
XYZ	20.7723, 26.4914, 33.2967
YIQ	132.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

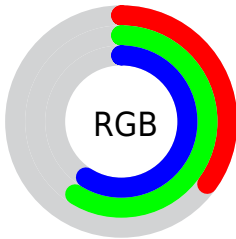
Format	Color
R_{YB}	89, 120, 151
Decimal	5871511
CIE _{Lab}	58.50, -19.95, -6.30
CIE _{LCh}	59, 20.918, 197.514
Yxy	26.4914, 0.2578, 0.3288
Android (android.graphics.Color)	4284061591 (0xFF599797)
YUV	132.4620, 9.1392, -38.1162
Hunter-Lab	51.4698, -18.0327, -2.3269

Details

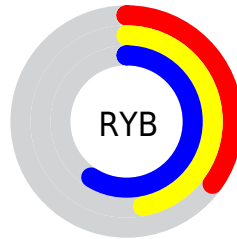
The XYZ color **20.7723, 26.4914, 33.2967** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1389, 14.4460, 11.2844**, and the grayscale version is **22.0772, 23.2269, 25.2941**.

A 20% lighter version of the original color is **44.0061, 53.8212, 65.8268**, and **7.5506, 10.3918, 13.6644** is the 20% darker color. If you saturate the color by 10%, you get **19.4695, 25.8204, 33.2361**, and if you desaturate by 10%, it is **22.3739, 27.3177, 33.3724**.

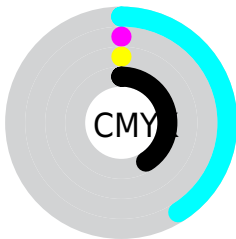
Distribution



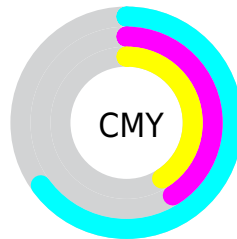
- Red (35%)
- Green (59%)
- Blue (59%)



- Red (35%)
- Yellow (47%)
- Blue (59%)



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



- Cyan (65%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7723, 26.4914, 33.2967 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 20.7723, 26.4914, 33.2967 by changing the saturation by 10% instead.

■ 20.7723, 26.4914,
33.2967

■ 20.7723, 26.4914,
33.2967

248.8206,
285.1861, 331.6575

■ 13.0692, 17.1916,
22.0809

■ 44.2024, 54.0666,
65.9598

■ 7.5535, 10.3712,
13.7174

■ 60.6601, 73.1109,
88.2442

■ 3.8600, 5.6458,
7.7879

■ 80.7667, 96.1721,
115.0551

■ 1.6232, 2.6309,
3.8737

■ 104.8875,
123.6346, 146.8112

■ 0.4075, 0.9422,
1.5563

133.3880,
155.8829, 183.9309

■ 0.0000, 0.0000,
0.2594

166.6334,

■ 0.0000, 0.0000,

193.3013, 226.8328

0.0000

204.9892,
236.2742, 275.9355

■ 20.7723, 26.4914,
33.2967

■ 20.7723, 26.4914,
33.2967

■ 19.4695, 25.8204,
33.2361

■ 22.3739, 27.3177,
33.3724

■ 18.4449, 25.2922,
33.1880

■ 24.2887, 28.3048,
33.4622

■ 17.6789, 24.8973,
33.1520

■ 26.5330, 29.4618,
33.5674

■ 17.1484, 24.6239,
33.1270

■ 29.1213, 30.7961,
33.6887

■ 16.8263, 24.4578,
33.1118

■ 32.0672, 32.3147,
33.8267

■ 16.6529, 24.3684,
33.1035

■ 35.3835, 34.0244,
33.9821

■ 39.0826, 35.9313,
34.1553

■ 43.1760, 38.0415,
34.3471

■ 47.6750, 40.3608,
34.5578

Harmonies

Analogous

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



20.6742, 26.4914, 25.9039



20.7723, 26.4914, 33.2967



22.0000, 26.4914, 40.5347

Triad

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



20.7723, 26.4914, 33.2967



28.9850, 26.4914, 39.4478



26.2582, 26.4914, 17.1575

Complementary

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



20.7723, 26.4914, 33.2967



18.1389, 14.4460, 11.2844

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.



28.6510, 26.4914, 19.6506



20.7723, 26.4914, 33.2967



30.2955, 26.4914, 31.9999

Square

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



20.7723, 26.4914, 33.2967



26.6893, 26.4914, 44.4785



30.1693, 26.4914, 24.8082



23.7273, 26.4914, 17.3848

Rectangle

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



20.7723, 26.4914, 33.2967



23.3439, 26.4914, 43.9228



30.1693, 26.4914, 24.8082



27.1085, 26.4914, 17.6849

Sweetspot

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



20.7731, 26.4924, 33.2973



47.0093, 52.4995, 60.0891



17.0902, 25.0308, 13.3824



10.5726, 11.8747, 13.6522



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.



20.7731, 26.4924, 33.2973



35.0933, 46.3565, 59.5303



16.5479, 18.0419, 31.8896



6.3846, 7.0266, 7.9487



14.1665, 20.7300, 28.1610



0.2118, 0.3099, 0.4210

Inverse Universe

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



18.1389, 14.4460, 11.2844



29.7337, 21.8465, 14.7421



21.1594, 20.4872, 12.2909



6.2088, 6.2227, 6.4797



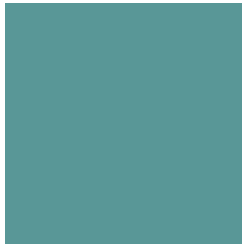
10.8574, 5.5972, 0.5082



0.1623, 0.0837, 0.0076

Previews

White Background



This preview shows how the XYZ color 20.7723, 26.4914, 33.2967 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 20.7723, 26.4914, 33.2967 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

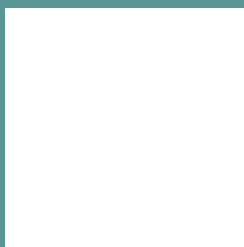
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7723, 26.4914, 33.2967

Background



This preview shows how black text looks on a background with the XYZ color 20.7723, 26.4914, 33.2967.

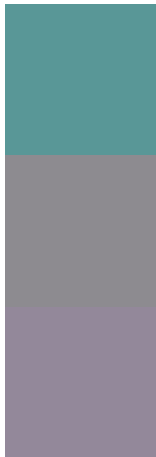


This preview shows how white text looks on a background with the XYZ color 20.7723, 26.4914,

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

20.7723, 26.4914, 33.2967

Protanopia

25.2512, 26.1416, 30.1005

Deuteranopia

26.6695, 26.1445, 34.2126



Tritanopia

21.5941, 26.3434, 37.6649

Trichromacy



Original Color

20.7723, 26.4914, 33.2967

Protanomaly

23.1150, 25.8891, 31.3826

Deuteranomaly

23.8788, 25.7853, 33.8555

Tritanomaly

21.3065, 26.4712, 35.8848

Monochromacy



Original Color

20.7723, 26.4914, 33.2967

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.0953, 24.0423, 27.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7723, 26.4914, 33.2967 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(89, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(89, 151, 151)  
}
```

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(89, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 151, 151) }
```

Border

The CSS property to change the border of an element to XYZ 20.7723, 26.4914, 33.2967 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(89, 151, 151) }
```


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

```
.border{ border-color:rgb(89, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(89, 151,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7723, 26.4914, 33.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 151, 151) }
```

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

```
.background{ background-color: rgb(89, 151,  
151) }
```

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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