

Converting Colors

XYZ(16.5028, 20.1479, 23.7991)

Have a look what the booklet for
XYZ(16.5028, 20.1479, 23.7991)
contains.

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Color

**XYZ(16.4924, 20.0929,
23.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8381
RGB	92, 131, 129
RGB Percent	36%, 51%, 51%
CMY	0.6392, 0.4863, 0.4941
CMYK	0.30, 0.00, 0.02, 0.49
HSL	177°, 17%, 44%
HSV	177°, 30%, 51%
XYZ	16.4924, 20.0929, 23.7780
YIQ	119.1110, -22.6020, -8.8900

Conversions

Conversions Part 2

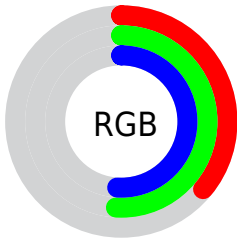
Format	Color
R_{YB}	92, 112, 131
Decimal	6062977
CIE _{Lab}	51.94, -13.97, -3.30
CIE _{LCh}	52, 14.357, 193.280
Yxy	20.0929, 0.2732, 0.3329
Android (android.graphics.Color)	4284253057 (0xFF5C8381)
YUV	119.1110, 4.8753, -23.7763
Hunter-Lab	44.8251, -12.7688, -0.0735

Details

The XYZ color **16.4924, 20.0929, 23.7780** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.2083, 13.2883, 12.3538**, and the grayscale version is **17.5604, 18.4749, 20.1191**.

A 20% lighter version of the original color is **37.0856, 43.5877, 50.7146**, and **5.3867, 6.9776, 8.6523** is the 20% darker color. If you saturate the color by 10%, you get **15.2509, 19.4585, 23.4878**, and if you desaturate by 10%, it is **17.9617, 20.8457, 24.0813**.

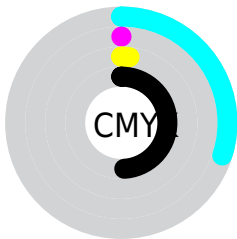
Distribution



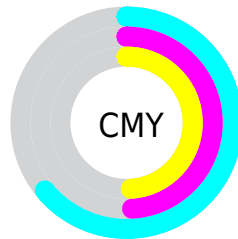
- Red (36%)
- Green (51%)
- Blue (51%)



- Red (36%)
- Yellow (44%)
- Blue (51%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4924, 20.0929, 23.7780 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 16.4924, 20.0929, 23.7780 by changing the saturation by 10% instead.

■ 16.4924, 20.0929,
23.7780

■ 16.4924, 20.0929,
23.7780

225.4437,
252.4176, 284.9465

■ 9.9663, 12.4626,
14.9583

■ 37.0015, 43.5729,
50.6070

■ 5.4387, 7.0595,
8.6439

■ 51.7153, 60.1913,
69.4534

■ 2.5443, 3.4994,
4.4160

■ 69.8890, 80.5746,
92.4791

■ 0.9176, 1.3977,
1.8562

■ 91.8879, 105.1072,
120.1027

■ 0.0000, 0.2150,
0.4647

118.0775,
134.1734, 152.7427

■ 0.0000, 0.0000,
0.0000

148.8231,

168.1576, 190.8176

184.4901,
207.4442, 234.7461

■ 16.4924, 20.0929,
23.7780

■ 16.4924, 20.0929,
23.7780

■ 15.2509, 19.4585,
23.4878

■ 17.9617, 20.8457,
24.0813

■ 14.2238, 18.9341,
23.2087

■ 19.6679, 21.7200,
24.3967

■ 13.3989, 18.5140,
22.9406

■ 21.6216, 22.7220,
24.7253

■ 12.7623, 18.1909,
22.6829

■ 23.8324, 23.8564,
25.0675

■ 12.2982, 17.9566,
22.4347

■ 26.3094, 25.1280,
25.4236

■ 11.9882, 17.8018,
22.1953

■ 29.0610, 26.5412,
25.7942

■ 11.7772, 17.6979,
21.9621

■ 32.0956, 28.1002,
26.1796

■ 11.7725, 17.6956,
21.9567

■ 35.4209, 29.8090,
26.5801

■ 39.0445, 31.6716,
26.9962

Harmonies

Analogous

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



16.5320, 20.0929, 19.6441



16.4924, 20.0929, 23.7780



17.1250, 20.0929, 27.8688

Triad

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



16.4924, 20.0929, 23.7780



21.0887, 20.0929, 28.2721



19.9172, 20.0929, 15.0427

Complementary

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



16.4924, 20.0929, 23.7780



15.2083, 13.2883, 12.3538

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.



21.2164, 20.0929, 16.8134



16.4924, 20.0929, 23.7780



21.9160, 20.0929, 24.2746

Square

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



16.4924, 20.0929, 23.7780



19.7502, 20.0929, 30.6777



21.9639, 20.0929, 20.0815



18.4598, 20.0929, 14.9455

Rectangle

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



16.4924, 20.0929, 23.7780



17.8624, 20.0929, 29.8781



21.9639, 20.0929, 20.0815



20.3887, 20.0929, 15.4506

Sweetspot

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



16.4930, 20.0937, 23.7785



35.4047, 38.9893, 43.7201



14.7266, 19.4177, 13.0974



8.1459, 9.0278, 10.1618



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.4930, 20.0937, 23.7785



27.9230, 35.1580, 42.2107



14.5396, 15.9719, 23.7902



4.7916, 5.2749, 5.9136



11.5880, 17.4181, 21.6138



0.0409, 0.0607, 0.0790

Inverse Universe

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



15.2083, 13.2883, 12.3538



25.2199, 20.8329, 18.1677



16.7505, 16.5147, 12.4304



4.6815, 4.6923, 4.9353



9.2502, 4.7644, 0.6237



0.0326, 0.0167, 0.0053

Previews

White Background



This preview shows how the XYZ color 16.4924, 20.0929, 23.7780 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 16.4924, 20.0929, 23.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

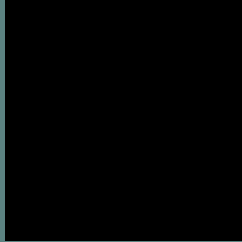
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.4924, 20.0929, 23.7780

Background



This preview shows how black text looks on a background with the XYZ color 16.4924, 20.0929, 23.7780.



This preview shows how white text looks on a background with the XYZ color 16.4924, 20.0929,

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

16.4924, 20.0929, 23.7780

Protanopia

19.1785, 19.9811, 21.9147

Deuteranopia

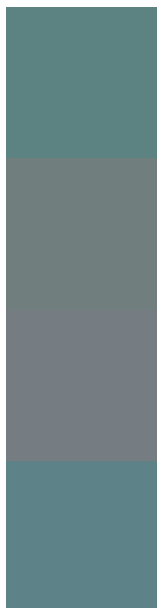
20.3289, 19.9772, 24.2573



Tritanopia

17.2000, 19.9736, 27.7597

Trichromacy



Original Color

16.4924, 20.0929, 23.7780

Protanomaly

18.0368, 19.9388, 22.6366

Deuteranomaly

18.5730, 19.8089, 23.9637

Tritanomaly

16.9408, 20.0700, 26.2736

Monochromacy



Original Color

16.4924, 20.0929, 23.7780

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.9648, 18.8472, 21.4826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4924, 20.0929, 23.7780 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, 131, 129) looks like.

```
.text, #text, p{  
    color:rgb(92, 131, 129)  
}
```

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, 131, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 131, 129) }
```

Border

The CSS property to change the border of an element to XYZ 16.4924, 20.0929, 23.7780 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, 131, 129) }
```


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

```
.border{ border-color:rgb(92, 131, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 131, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 131, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 131, 129);  
box-shadow:4px 4px 4px 4px rgb(92, 131,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4924, 20.0929, 23.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 131, 129) }
```

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

```
.background{ background-color: rgb(92, 131,  
129) }
```

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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