

Converting Colors

XYZ(18.9908, 20.0182, 30.2144)

Have a look what the booklet for
XYZ(18.9908, 20.0182, 30.2144)
contains.

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Color

**XYZ(18.9523, 20.0576,
30.0667)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7D92
RGB	110, 125, 146
RGB Percent	43%, 49%, 57%
CMY	0.5686, 0.5098, 0.4274
CMYK	0.25, 0.14, 0.00, 0.43
HSL	215°, 14%, 50%
HSV	215°, 25%, 57%
XYZ	18.9523, 20.0576, 30.0667
YIQ	122.9090, -15.6810, 3.3510

Conversions

Conversions Part 2

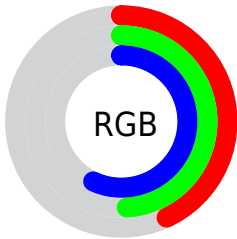
Format	Color
R _Y B	110, 121, 146
Decimal	7241106
CIE Lab	51.90, -0.57, -13.17
CIE LCh	52, 13.178, 267.506
Yxy	20.0576, 0.2744, 0.2904
Android (android.graphics.Color)	4285431186 (0xFF6E7D92)
YUV	122.9090, 11.3839, -11.3212
Hunter-Lab	44.7857, -2.8378, -8.4541

Details

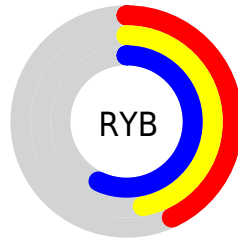
The XYZ color **18.9523, 20.0576, 30.0667** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.7849, 23.4692, 18.0813**, and the grayscale version is **18.7646, 19.7418, 21.4989**.

A 20% lighter version of the original color is **41.2460, 43.6923, 60.9031**, and **6.5745, 6.9872, 11.8286** is the 20% darker color. If you saturate the color by 10%, you get **16.2511, 17.1332, 29.6449**, and if you desaturate by 10%, it is **22.0465, 23.3229, 30.5342**.

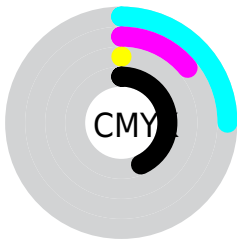
Distribution



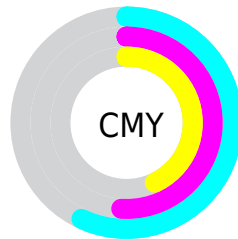
- Red (43%)
- Green (49%)
- Blue (57%)



- Red (43%)
- Yellow (47%)
- Blue (57%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9523, 20.0576, 30.0667 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 18.9523, 20.0576, 30.0667 by changing the saturation by 10% instead.

■ 18.9523, 20.0576,
30.0667

■ 18.9523, 20.0576,
30.0667

239.1285,
252.2268, 316.4322

■ 11.7396, 12.4369,
19.6367

■ 41.1710, 43.5137,
60.8299

■ 6.6376, 7.0420,
11.9498

■ 56.9077, 60.1180,
82.0002

■ 3.2808, 3.4884,
6.5874

■ 76.2164, 80.4855,
107.5877

■ 1.3039, 1.3917,
3.1309

■ 99.4626, 105.0008,
138.0110

■ 0.1862, 0.2106,
1.1619

127.0115,
134.0481, 173.6885

■ 0.0000, 0.0000,
0.0000

159.2286,

168.0120, 215.0389

196.4791,
207.2767, 262.4806

■ 18.9523, 20.0576,
30.0667

■ 18.9523, 20.0576,
30.0667

■ 16.2511, 17.1332,
29.6449

■ 22.0465, 23.3229,
30.5342

■ 13.9242, 14.5349,
29.2661

■ 25.5477, 26.9380,
31.0475

■ 11.9538, 12.2508,
28.9290

■ 29.4715, 30.9148,
31.6083

■ 10.3200, 10.2667,
28.6322

■ 33.8320, 35.2635,
32.2178

■ 9.0007, 8.5673,
28.3737

■ 38.6429, 39.9942,
32.8774

■ 7.9708, 7.1357,
28.1517

■ 43.9169, 45.1164,
33.5881

■ 7.1989, 5.9514,
27.9637

■ 49.6663, 50.6392,
34.3511

■ 6.8487, 5.3959,
27.8750

■ 55.9032, 56.5716,
35.1674

■ 62.6390, 62.9222,
36.0382

Harmonies

Analogous

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



17.7140, 20.0576, 28.6688



18.9523, 20.0576, 30.0667



20.2783, 20.0576, 29.0553

Triad

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



18.9523, 20.0576, 30.0667



21.4406, 20.0576, 18.6074



16.9737, 20.0576, 18.1122

Complementary

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



18.9523, 20.0576, 30.0667



22.7849, 23.4692, 18.0813

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.



17.8994, 20.0576, 15.9295



18.9523, 20.0576, 30.0667



20.4812, 20.0576, 16.1910

Square

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



18.9523, 20.0576, 30.0667



21.7542, 20.0576, 22.1618



19.1764, 20.0576, 15.2690



16.6055, 20.0576, 21.5199

Rectangle

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



18.9523, 20.0576, 30.0667



21.0266, 20.0576, 27.2095



19.1764, 20.0576, 15.2690



17.2278, 20.0576, 17.2267

Sweetspot

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



18.9529, 20.0584, 30.0672



43.4653, 45.8779, 54.5380



20.7658, 25.4956, 25.0871



9.5999, 10.1346, 12.1224



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.



18.9529, 20.0584, 30.0672



30.5175, 32.2438, 52.5888



17.4977, 16.6986, 29.4953



5.6862, 6.0064, 7.3294



6.0479, 4.7905, 24.5369



0.1020, 0.1146, 0.3097

Inverse Universe

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



21.1321, 18.7439, 21.9072



35.1491, 29.6969, 35.1904



24.5255, 27.5772, 18.7825



5.8950, 5.8531, 6.5535



11.1798, 5.6770, 4.4276



0.1510, 0.0751, 0.1286

Previews

White Background



This preview shows how the XYZ color 18.9523, 20.0576, 30.0667 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 18.9523, 20.0576, 30.0667 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

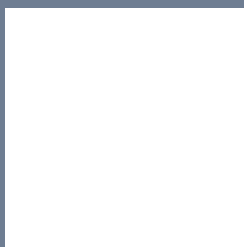
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9523, 20.0576, 30.0667

Background



This preview shows how black text looks on a background with the XYZ color 18.9523, 20.0576, 30.0667.



This preview shows how white text looks on a background with the XYZ color 18.9523, 20.0576,

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

18.9523, 20.0576, 30.0667

Protanopia

19.7247, 20.1015, 29.2259

Deuteranopia

20.4160, 20.0664, 30.4009



Tritanopia

18.2891, 20.1730, 26.5968

Trichromacy



Original Color

18.9523, 20.0576, 30.0667

Protanomaly

19.5209, 20.1726, 29.6529

Deuteranomaly

19.8337, 19.9476, 30.4087

Tritanomaly

18.5012, 20.0664, 27.7090

Monochromacy



Original Color

18.9523, 20.0576, 30.0667

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7756, 19.9055, 24.3253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9523, 20.0576, 30.0667 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(110, 125, 146)` looks like.

```
.text, #text, p{  
    color:rgb(110, 125, 146)  
}
```

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(110, 125, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 125, 146) }
```

Border

The CSS property to change the border of an element to XYZ 18.9523, 20.0576, 30.0667 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(110, 125, 146) }
```


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

```
.border{ border-color:rgb(110, 125, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 125, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 125, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 125, 146);  
box-shadow:4px 4px 4px 4px rgb(110, 125,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9523, 20.0576, 30.0667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 125, 146) }
```

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

```
.background{ background-color: rgb(110,  
125, 146) }
```

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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