

Converting Colors

XYZ(16.6150, 20.4781, 27.5031)

Have a look what the booklet for
XYZ(16.6150, 20.4781, 27.5031)
contains.

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Color

**XYZ(16.6150, 20.4781,
27.5031)**

Conversions

Conversions Part 1

Format	Color
Hex	53858B
RGB	83, 133, 139
RGB Percent	33%, 52%, 55%
CMY	0.6745, 0.4784, 0.4549
CMYK	0.40, 0.04, 0.00, 0.45
HSL	186°, 25%, 44%
HSV	186°, 40%, 55%
XYZ	16.6150, 20.4781, 27.5031
YIQ	118.7340, -31.7260, -8.7340

Conversions

Conversions Part 2

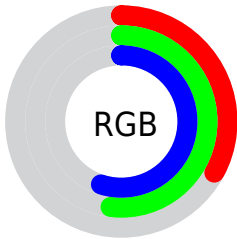
Format	Color
R _Y B	83, 109, 139
Decimal	5473675
CIE Lab	52.37, -15.14, -8.54
CIE LCh	52, 17.386, 209.423
Yxy	20.4781, 0.2572, 0.3170
Android (android.graphics.Color)	4283663755 (0xFF53858B)
YUV	118.7340, 9.9911, -31.3387
Hunter-Lab	45.2527, -13.6542, -4.3576

Details

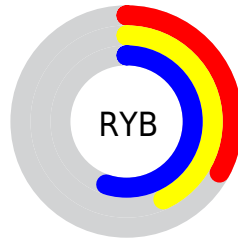
The XYZ color **16.6150, 20.4781, 27.5031** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.7815, 13.2586, 9.9115**, and the grayscale version is **17.4277, 18.3353, 19.9671**.

A 20% lighter version of the original color is **37.0650, 44.0745, 56.4229**, and **5.4615, 7.1991, 10.5529** is the 20% darker color. If you saturate the color by 10%, you get **15.3072, 19.5039, 27.3843**, and if you desaturate by 10%, it is **18.1728, 21.5865, 27.6353**.

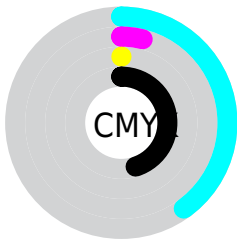
Distribution



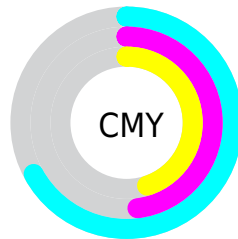
- Red (33%)
- Green (52%)
- Blue (55%)



- Red (33%)
- Yellow (43%)
- Blue (55%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6150, 20.4781, 27.5031 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 16.6150, 20.4781, 27.5031 by changing the saturation by 10% instead.

■ 16.6150, 20.4781,
27.5031

■ 16.6150, 20.4781,
27.5031

226.1436,
254.4917, 303.9217

■ 10.0540, 12.7431,
17.7157

■ 37.2115, 44.2173,
56.7036

■ 5.4973, 7.2519,
10.5787

■ 51.9777, 60.9903,
76.9538

■ 2.5796, 3.6201,
5.6737

■ 70.2097, 81.5446,
101.5287

■ 0.9356, 1.4634,
2.5822

■ 92.2728, 106.2648,
130.8467

■ 0.0000, 0.2628,
0.8832

■ 118.5324,
135.5353, 165.3265

■ 0.0000, 0.0000,
0.0000

149.3538,

169.7403, 205.3866

185.1024,
209.2643, 251.4455

■ 16.6150, 20.4781,
27.5031

■ 16.6150, 20.4781,
27.5031

■ 15.3072, 19.5039,
27.3843

■ 18.1728, 21.5865,
27.6353

■ 14.2328, 18.6538,
27.2769

■ 19.9924, 22.8336,
27.7801

■ 13.3760, 17.9201,
27.1804

■ 22.0869, 24.2268,
27.9386

■ 12.7183, 17.2933,
27.0941

■ 24.4681, 25.7721,
28.1114

■ 12.2381, 16.7622,
27.0169

■ 27.1471, 27.4753,
28.2990

■ 11.8818, 16.3072,
26.9479

■ 30.1344, 29.3418,
28.5018

■ 33.4398, 31.3768,
28.7203

■ 37.0730, 33.5850,
28.9551

■ 41.0430, 35.9714,
29.2065

Harmonies

Analogous

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



16.2185, 20.4781, 22.1980



16.6150, 20.4781, 27.5031



17.7636, 20.4781, 31.9147

Triad

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



16.6150, 20.4781, 27.5031



22.5827, 20.4781, 27.7015



19.4985, 20.4781, 13.8157

Complementary

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



16.6150, 20.4781, 27.5031



15.7815, 13.2586, 9.9115

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.



21.2692, 20.4781, 14.8365



16.6150, 20.4781, 27.5031



23.1155, 20.4781, 22.3967

Square

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



16.6150, 20.4781, 27.5031



21.2055, 20.4781, 32.0410



22.6210, 20.4781, 17.7935



17.8202, 20.4781, 14.7609

Rectangle

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



16.6150, 20.4781, 27.5031



18.8384, 20.4781, 33.4686



22.6210, 20.4781, 17.7935



20.1030, 20.4781, 13.9375

Sweetspot

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



16.6156, 20.4789, 27.5036



38.7726, 42.8715, 49.9745



14.5868, 21.0193, 12.6522



8.8351, 9.8132, 11.5079



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.6156, 20.4789, 27.5036



27.6799, 35.1320, 49.0652



13.3204, 13.8884, 26.4052



5.1279, 5.5987, 6.4162



10.7311, 14.7326, 24.3238



0.0774, 0.1100, 0.1636

Inverse Universe

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



17.9749, 13.3695, 23.8243



30.5050, 20.8298, 41.3120



18.5240, 18.7436, 10.8257



5.2112, 5.1199, 6.2004



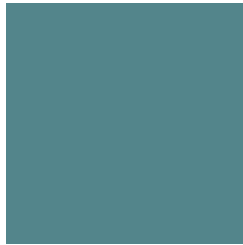
12.9034, 6.2715, 17.7934



0.0888, 0.0429, 0.1344

Previews

White Background



This preview shows how the XYZ color 16.6150, 20.4781, 27.5031 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 16.6150, 20.4781, 27.5031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

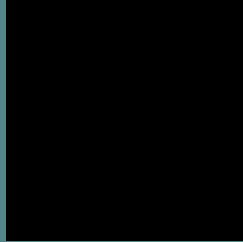
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6150, 20.4781, 27.5031

Background



This preview shows how black text looks on a background with the XYZ color 16.6150, 20.4781, 27.5031.



This preview shows how white text looks on a background with the XYZ color 16.6150, 20.4781,

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

16.6150, 20.4781, 27.5031

Protanopia

19.7535, 20.3938, 25.0856

Deuteranopia

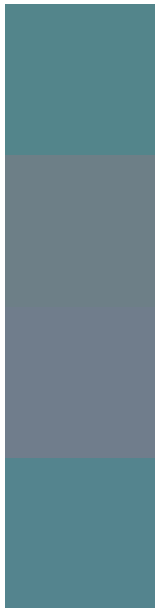
20.5472, 20.1870, 28.0128



Tritanopia

16.8653, 20.3705, 29.0296

Trichromacy



Original Color

16.6150, 20.4781, 27.5031

Protanomaly

18.2692, 20.1792, 25.8538

Deuteranomaly

18.7493, 20.0054, 27.6842

Tritanomaly

16.7899, 20.3403, 28.6323

Monochromacy



Original Color

16.6150, 20.4781, 27.5031

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.9174, 18.9858, 22.5117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6150, 20.4781, 27.5031 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(83, 133, 139)` looks like.

```
.text, #text, p{  
    color:rgb(83, 133, 139)  
}
```

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(83, 133, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 133, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.6150, 20.4781, 27.5031 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(83, 133, 139) }
```


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

```
.border{ border-color:rgb(83, 133, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 133, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 133, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 133, 139);  
box-shadow:4px 4px 4px 4px rgb(83, 133,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6150, 20.4781, 27.5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 133, 139) }
```

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

```
.background{ background-color: rgb(83, 133,  
139) }
```

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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