

Converting Colors

XYZ(16.0873, 19.0213, 27.2497)

Have a look what the booklet for
XYZ(16.0873, 19.0213, 27.2497)
contains.

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Color

**XYZ(16.0873, 19.0213,
27.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	567F8B
RGB	86, 127, 139
RGB Percent	34%, 50%, 55%
CMY	0.6627, 0.5020, 0.4549
CMYK	0.38, 0.09, 0.00, 0.45
HSL	194°, 24%, 44%
HSV	194°, 38%, 55%
XYZ	16.0873, 19.0213, 27.2497
YIQ	116.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

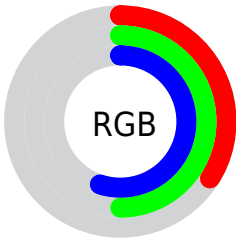
Format	Color
R_{YB}	86, 109, 139
Decimal	5668747
CIE _{Lab}	50.71, -10.97, -11.02
CIE _{LCh}	51, 15.549, 225.110
Yxy	19.0213, 0.2580, 0.3050
Android (android.graphics.Color)	4283858827 (0xFF567F8B)
YUV	116.1090, 11.2853, -26.4056
Hunter-Lab	43.6134, -10.4817, -6.5151

Details

The XYZ color **16.0873, 19.0213, 27.2497** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.6951, 14.8963, 10.7998**, and the grayscale version is **16.6070, 17.4719, 19.0269**.

A 20% lighter version of the original color is **36.3169, 41.8516, 56.0332**, and **5.2551, 6.5451, 10.4376** is the 20% darker color. If you saturate the color by 10%, you get **14.5299, 17.6249, 27.0626**, and if you desaturate by 10%, it is **17.9075, 20.5729, 27.4536**.

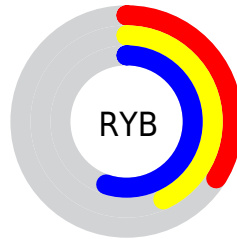
Distribution



Red (34%)

Green (50%)

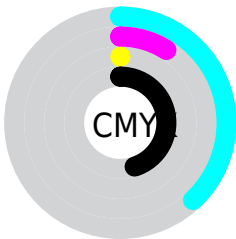
Blue (55%)



Red (34%)

Yellow (43%)

Blue (55%)

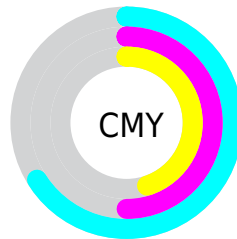


Cyan (38%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (66%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0873, 19.0213, 27.2497 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 16.0873, 19.0213, 27.2497 by changing the saturation by 10% instead.

■ 16.0873, 19.0213,
27.2497

■ 16.0873, 19.0213,
27.2497

223.1166,
246.5663, 302.6624

■ 9.6772, 11.6857,
17.5268

■ 36.3059, 41.7701,
56.2929

■ 5.2461, 6.5300,
10.4448

■ 50.8451, 57.9520,
76.4502

■ 2.4286, 3.1700,
5.5854

■ 68.8248, 77.8515,
100.9228

■ 0.8594, 1.2211,
2.5300

■ 90.6102, 101.8530,
130.1290

■ 0.0000, 0.0788,
0.8560

■ 116.5667,
130.3408, 164.4876

■ 0.0000, 0.0000,
0.0000

147.0597,

163.6994, 204.4170

182.4545,
202.3131, 250.3358

■ 16.0873, 19.0213,
27.2497

■ 16.0873, 19.0213,
27.2497

■ 14.5299, 17.6249,
27.0626

■ 17.9075, 20.5729,
27.4536

■ 13.2190, 16.3738,
26.8902

■ 20.0021, 22.2845,
27.6736

■ 12.1390, 15.2603,
26.7322

■ 22.3843, 24.1636,
27.9107

■ 11.2718, 14.2748,
26.5877

■ 25.0657, 26.2162,
28.1656

■ 10.5964, 13.4064,
26.4556

■ 28.0574, 28.4484,
28.4387

■ 10.0683, 12.6318,
26.3340

■ 31.3698, 30.8655,
28.7307

■ 9.9737, 12.4910,
26.3118

■ 35.0129, 33.4729,
29.0420

■ 38.9962, 36.2757,
29.3730

■ 43.3289, 39.2787,
29.7243

Harmonies

Analogous

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



15.3930, 19.0213, 22.9785



16.0873, 19.0213, 27.2497



17.3359, 19.0213, 29.9350

Triad

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



16.0873, 19.0213, 27.2497



21.0642, 19.0213, 22.9452



17.3254, 19.0213, 13.6142

Complementary

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



16.0873, 19.0213, 27.2497



16.6951, 14.8963, 10.7998

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.



18.8434, 19.0213, 13.6079



16.0873, 19.0213, 27.2497



21.0610, 19.0213, 18.5978

Square

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



16.0873, 19.0213, 27.2497



20.2376, 19.0213, 27.2224



20.2290, 19.0213, 15.3120



16.0800, 19.0213, 15.3306

Rectangle

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



16.0873, 19.0213, 27.2497



18.3416, 19.0213, 30.2540



20.2290, 19.0213, 15.3120



17.8192, 19.0213, 13.4208

Sweetspot

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



16.0879, 19.0220, 27.2501



38.7024, 42.1927, 49.8471



15.2510, 21.3161, 14.7388



8.8006, 9.6300, 11.4744



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.



16.0879, 19.0220, 27.2501



26.3124, 31.8317, 48.5003



13.1536, 13.1535, 26.2721



5.0785, 5.4999, 6.3998



9.0148, 11.2998, 23.7516



0.0708, 0.0968, 0.1614

Inverse Universe

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



17.8065, 13.6773, 21.7810



29.9527, 21.1372, 36.7750



19.5331, 20.5724, 11.7458



5.1862, 5.1099, 6.0691



12.0370, 5.9249, 13.2313



0.0855, 0.0416, 0.1168

Previews

White Background



This preview shows how the XYZ color 16.0873, 19.0213, 27.2497 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 16.0873, 19.0213, 27.2497 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 16.0873, 19.0213, 27.2497

Background



This preview shows how black text looks on a background with the XYZ color 16.0873, 19.0213, 27.2497.



This preview shows how white text looks on a background with the XYZ color 16.0873, 19.0213,

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

16.0873, 19.0213, 27.2497

Protanopia

18.3711, 18.7664, 25.2083

Deuteranopia

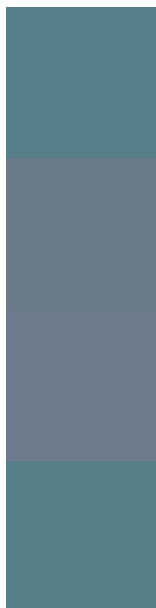
19.1950, 18.7832, 27.8131



Tritanopia

15.9425, 18.9633, 26.4869

Trichromacy



Original Color

16.0873, 19.0213, 27.2497

Protanomaly

17.3473, 18.7608, 25.9994

Deuteranomaly

17.8777, 18.8194, 27.5012

Tritanomaly

16.0146, 18.9922, 26.8666

Monochromacy



Original Color

16.0873, 19.0213, 27.2497

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1803, 17.8914, 21.6694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0873, 19.0213, 27.2497 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(86, 127, 139) looks like.

```
.text, #text, p{  
    color:rgb(86, 127, 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(86, 127, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 127, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.0873, 19.0213, 27.2497 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(86, 127, 139) }
```


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

```
.border{ border-color:rgb(86, 127, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 127, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 127, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 127, 139);  
box-shadow:4px 4px 4px 4px rgb(86, 127,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0873, 19.0213, 27.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 127, 139) }
```

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

```
.background{ background-color: rgb(86, 127,  
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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