

Converting Colors

XYZ(18.3369, 20.2784, 27.4724)

Have a look what the booklet for
XYZ(18.3369, 20.2784, 27.4724)
contains.

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Color

**XYZ(18.3232, 20.3666,
27.3915)**

Conversions

Conversions Part 1

Format	Color
Hex	6A808B
RGB	106, 128, 139
RGB Percent	42%, 50%, 55%
CMY	0.5843, 0.4980, 0.4549
CMYK	0.24, 0.08, 0.00, 0.45
HSL	200°, 13%, 48%
HSV	200°, 24%, 55%
XYZ	18.3232, 20.3666, 27.3915
YIQ	122.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

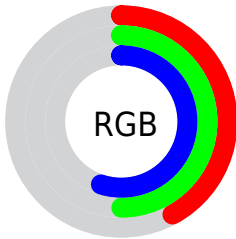
Format	Color
R_{YB}	106, 119, 139
Decimal	6979723
CIE _{Lab}	52.25, -5.34, -8.58
CIE _{LCh}	52, 10.108, 238.128
Yxy	20.3666, 0.2773, 0.3082
Android (android.graphics.Color)	4285169803 (0xFF6A808B)
YUV	122.6760, 8.0477, -14.6249
Hunter-Lab	45.1294, -6.5027, -4.3958

Details

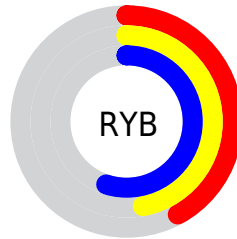
The XYZ color **18.3232, 20.3666, 27.3915** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.6104, 19.2521, 16.3185**, and the grayscale version is **18.6988, 19.6726, 21.4235**.

A 20% lighter version of the original color is **40.1389, 44.1226, 56.2701**, and **6.3441, 7.2128, 10.5090** is the 20% darker color. If you saturate the color by 10%, you get **16.2130, 18.4026, 27.1240**, and if you desaturate by 10%, it is **20.7300, 22.5255, 27.6817**.

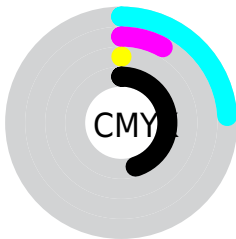
Distribution



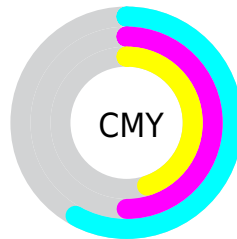
- Red (42%)
- Green (50%)
- Blue (55%)



- Red (42%)
- Yellow (47%)
- Blue (55%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3232, 20.3666, 27.3915 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 18.3232, 20.3666, 27.3915 by changing the saturation by 10% instead.

■ 18.3232, 20.3666,
27.3915

■ 18.3232, 20.3666,
27.3915

235.6970,
253.8929, 303.3677

■ 11.2834, 12.6618,
17.6324

■ 40.1131, 44.0310,
56.5228

■ 6.3265, 7.1961,
10.5197

■ 55.5938, 60.7593,
76.7321

■ 3.0871, 3.5850,
5.6348

■ 74.6189, 81.2643,
101.2620

■ 1.2000, 1.4443,
2.5591

■ 97.5537, 105.9304,
130.5309

■ 0.1064, 0.2490,
0.8713

124.7635,
135.1419, 164.9573

■ 0.0000, 0.0000,
0.0000

156.6138,

169.2832, 204.9599

193.4698,
208.7387, 250.9572

■ 18.3232, 20.3666,
27.3915

■ 18.3232, 20.3666,
27.3915

■ 16.2130, 18.4026,
27.1240

■ 20.7300, 22.5255,
27.6817

■ 14.3843, 16.6236,
26.8770

■ 23.4440, 24.8838,
27.9938

■ 12.8234, 15.0225,
26.6502

■ 26.4773, 27.4486,
28.3290

■ 11.5147, 13.5908,
26.4428

■ 29.8410, 30.2264,
28.6879

■ 10.4407, 12.3188,
26.2539

■ 33.5456, 33.2229,
29.0710

■ 9.5816, 11.1957,
26.0824

■ 37.6010, 36.4437,
29.4790

■ 8.9133, 10.2086,
25.9271

■ 42.0168, 39.8944,
29.9123

■ 8.5461, 9.6358,
25.8359

■ 46.8022, 43.5800,
30.3715

■ 51.9661, 47.5057,
30.8570

Harmonies

Analogous

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



17.6509, 20.3666, 24.9805



18.3232, 20.3666, 27.3915



19.2927, 20.3666, 28.3919

Triad

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



18.3232, 20.3666, 27.3915



21.4215, 20.3666, 22.3630



18.4323, 20.3666, 17.5081

Complementary

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



18.3232, 20.3666, 27.3915



19.6104, 19.2521, 16.3185

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.



19.4231, 20.3666, 16.9404



18.3232, 20.3666, 27.3915



21.1715, 20.3666, 19.5893

Square

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



18.3232, 20.3666, 27.3915



21.1023, 20.3666, 25.3323



20.4307, 20.3666, 17.6681



17.7122, 20.3666, 19.2930

Rectangle

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



18.3232, 20.3666, 27.3915



19.9853, 20.3666, 28.0623



20.4307, 20.3666, 17.6681



18.7436, 20.3666, 17.1760

Sweetspot

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



18.3238, 20.3674, 27.3920



40.2622, 43.0801, 49.9362



18.3555, 22.8012, 20.0946



9.2219, 9.8787, 11.5002



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.



18.3238, 20.3674, 27.3920



30.9094, 34.7186, 48.8152



16.4041, 16.5280, 26.7521



5.0348, 5.4125, 6.3852



7.7293, 8.7289, 23.3232



0.0648, 0.0850, 0.1594

Inverse Universe

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



19.6982, 17.3560, 22.7349



33.8127, 28.5759, 38.9288



21.6300, 23.2913, 16.9917



5.1642, 5.1011, 5.9530



11.3882, 5.6654, 9.8145



0.0825, 0.0404, 0.1011

Previews

White Background



This preview shows how the XYZ color 18.3232, 20.3666, 27.3915 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 18.3232, 20.3666, 27.3915 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

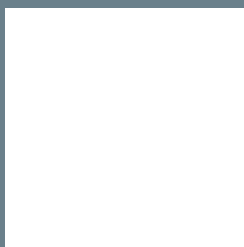
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3232, 20.3666, 27.3915

Background



This preview shows how black text looks on a background with the XYZ color 18.3232, 20.3666, 27.3915.



This preview shows how white text looks on a background with the XYZ color 18.3232, 20.3666,

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

18.3232, 20.3666, 27.3915

Protanopia

19.8200, 20.4038, 26.1863

Deuteranopia

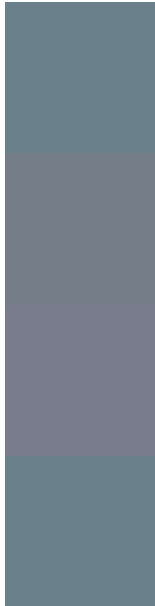
20.6243, 20.2353, 27.6297



Tritanopia

18.2505, 20.3375, 27.0084

Trichromacy



Original Color

18.3232, 20.3666, 27.3915

Protanomaly

19.1851, 20.2553, 26.5654

Deuteranomaly

19.8264, 20.3737, 27.6985

Tritanomaly

18.2505, 20.3375, 27.0084

Monochromacy



Original Color

18.3232, 20.3666, 27.3915

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.6322, 20.0341, 23.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3232, 20.3666, 27.3915 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(106, 128, 139)` looks like.

```
.text, #text, p{  
    color:rgb(106, 128, 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(106, 128, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 128, 139) }
```

Border

The CSS property to change the border of an element to XYZ 18.3232, 20.3666, 27.3915 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(106, 128, 139) }
```


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

```
.border{ border-color:rgb(106, 128, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 128, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 128, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 128, 139);  
box-shadow:4px 4px 4px 4px rgb(106, 128,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3232, 20.3666, 27.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 128, 139) }
```

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

```
.background{ background-color: rgb(106,  
128, 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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