

Converting Colors

XYZ(16.8487, 17.6320, 25.0695)

Have a look what the booklet for
XYZ(16.8487, 17.6320, 25.0695)
contains.

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Color

**XYZ(16.8487, 17.6320,
25.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7586
RGB	108, 117, 134
RGB Percent	42%, 46%, 53%
CMY	0.5765, 0.5412, 0.4745
CMYK	0.19, 0.13, 0.00, 0.47
HSL	219°, 11%, 47%
HSV	219°, 19%, 53%
XYZ	16.8487, 17.6320, 25.0695
YIQ	116.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

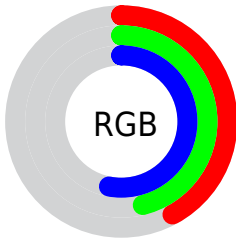
Format	Color
R_{YB}	108, 115, 134
Decimal	7107974
CIE Lab	49.05, 0.50, -10.43
CIE LCh	49, 10.444, 272.750
Yxy	17.6320, 0.2829, 0.2961
Android (android.graphics.Color)	4285298054 (0xFF6C7586)
YUV	116.2470, 8.7522, -7.2326
Hunter-Lab	41.9905, -1.8601, -6.0045

Details

The XYZ color **16.8487, 17.6320, 25.0695** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.8719, 20.8181, 17.1586**, and the grayscale version is **16.6530, 17.5203, 19.0796**.

A 20% lighter version of the original color is **37.6548, 39.4374, 52.6413**, and **5.5918, 5.8570, 9.2233** is the 20% darker color. If you saturate the color by 10%, you get **14.3693, 14.9091, 24.6749**, and if you desaturate by 10%, it is **19.6753, 20.6765, 25.5085**.

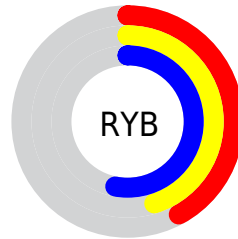
Distribution



Red (42%)

Green (46%)

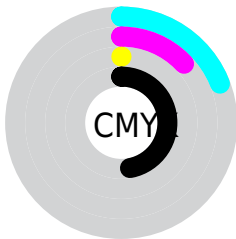
Blue (53%)



Red (42%)

Yellow (45%)

Blue (53%)

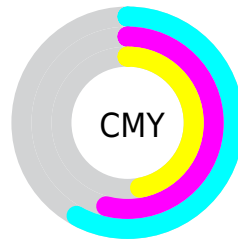


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8487, 17.6320, 25.0695 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 16.8487, 17.6320, 25.0695 by changing the saturation by 10% instead.

■ 16.8487, 17.6320,
25.0695

■ 16.8487, 17.6320,
25.0695

227.4722,
238.7886, 291.6426

■ 10.2213, 10.6861,
15.9094

■ 37.6111, 39.4093,
52.7355

■ 5.6093, 5.8562,
9.3064

■ 52.4769, 55.0094,
72.0784

■ 2.6474, 2.7578,
4.8420

■ 70.8195, 74.2631,
95.6526

■ 0.9702, 1.0066,
2.0978

■ 93.0042, 97.5547,
123.8767

■ 0.0000, 0.0000,
0.6144

119.3965,
125.2687, 157.1692

■ 0.0000, 0.0000,
0.0000

150.3617,

157.7894, 195.9487

186.2652,
195.5012, 240.6336

■ 16.8487, 17.6320,
25.0695

■ 16.8487, 17.6320,
25.0695

■ 14.3693, 14.9091,
24.6749

■ 19.6753, 20.6765,
25.5085

■ 12.2213, 12.4947,
24.3221

■ 22.8606, 24.0511,
25.9919

■ 10.3904, 10.3776,
24.0099

■ 26.4176, 27.7665,
26.5216

■ 8.8604, 8.5453,
23.7369

■ 30.3582, 31.8321,
27.0987

■ 7.6133, 6.9841,
23.5013

■ 34.6936, 36.2573,
27.7243

■ 6.6294, 5.6791,
23.3013

■ 39.4348, 41.0509,
28.3997

■ 5.8860, 4.6135,
23.1348

■ 44.5922, 46.2213,
29.1258

■ 5.3264, 3.7529,
22.9981

■ 50.1757, 51.7768,
29.9039

■ 5.2956, 3.7062,
22.9908

■ 56.1950, 57.7253,
30.7348

Harmonies

Analogous

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



15.9157, 17.6320, 24.3723



16.8487, 17.6320, 25.0695



17.7924, 17.6320, 24.0718

Triad

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



16.8487, 17.6320, 25.0695



18.3837, 17.6320, 16.4404



15.1482, 17.6320, 16.8456

Complementary

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



16.8487, 17.6320, 25.0695



19.8719, 20.8181, 17.1586

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.



15.7658, 17.6320, 15.0313



16.8487, 17.6320, 25.0695



17.6309, 17.6320, 14.8138

Square

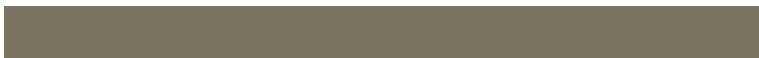
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.8487, 17.6320, 25.0695



18.6998, 17.6320, 18.9421



16.6690, 17.6320, 14.3237



14.9568, 17.6320, 19.4567

Rectangle

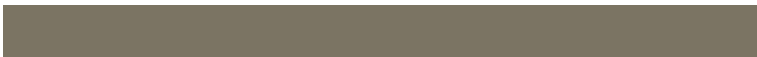
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.8487, 17.6320, 25.0695



18.2941, 17.6320, 22.6313



16.6690, 17.6320, 14.3237



15.3117, 17.6320, 16.1312

Sweetspot

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



16.8492, 17.6327, 25.0699



36.4302, 38.3092, 45.2127



18.4050, 21.7167, 22.5905



8.1427, 8.5619, 10.1761



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.



16.8492, 17.6327, 25.0699



27.8210, 29.0305, 43.8755



16.3353, 15.8849, 24.7596



4.5566, 4.7888, 5.8849



4.9720, 3.4919, 21.5486



0.0236, 0.0248, 0.0768

Inverse Universe

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



18.4054, 17.0782, 19.1569



31.0729, 27.9640, 31.4980



20.4534, 22.8869, 17.5273



4.7342, 4.7134, 5.2127



9.6878, 4.9394, 2.9281



0.0368, 0.0184, 0.0270

Previews

White Background



This preview shows how the XYZ color 16.8487, 17.6320, 25.0695 looks on a white 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

Black Background



This preview shows how the XYZ color 16.8487, 17.6320, 25.0695 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

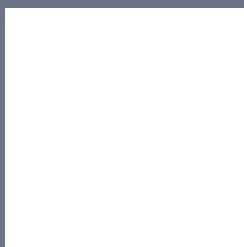
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8487, 17.6320, 25.0695

Background



This preview shows how black text looks on a background with the XYZ color 16.8487, 17.6320, 25.0695.



This preview shows how white text looks on a background with the XYZ color 16.8487, 17.6320,

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

16.8487, 17.6320, 25.0695

Protanopia

17.1744, 17.4656, 24.6563

Deuteranopia

17.9982, 17.7058, 25.3906



Tritanopia

16.3726, 17.6150, 22.6158

Trichromacy



Original Color

16.8487, 17.6320, 25.0695

Protanomaly

17.0346, 17.5637, 24.6826

Deuteranomaly

17.5741, 17.6556, 25.4033

Tritanomaly

16.5711, 17.6944, 23.6611

Monochromacy



Original Color

16.8487, 17.6320, 25.0695

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6306, 17.4316, 21.2270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8487, 17.6320, 25.0695 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(108, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(108, 117, 134)  
}
```

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(108, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 117, 134) }
```

Border

The CSS property to change the border of an element to XYZ 16.8487, 17.6320, 25.0695 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(108, 117, 134) }
```


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

```
.border{ border-color:rgb(108, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(108, 117,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8487, 17.6320, 25.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 117, 134) }
```

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

```
.background{ background-color: rgb(108,  
117, 134) }
```

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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