

Converting Colors

XYZ(18.6455, 15.6264, 17.0724)

Have a look what the booklet for
XYZ(18.6455, 15.6264, 17.0724)
contains.

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Color

**XYZ(18.6455, 15.6264,
17.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	90616F
RGB	144, 97, 111
RGB Percent	56%, 38%, 44%
CMY	0.4353, 0.6196, 0.5647
CMYK	0.00, 0.33, 0.23, 0.44
HSL	342°, 20%, 47%
HSV	342°, 33%, 56%
XYZ	18.6455, 15.6264, 17.0724
YIQ	112.6490, 23.5180, 14.3180

Conversions

Conversions Part 2

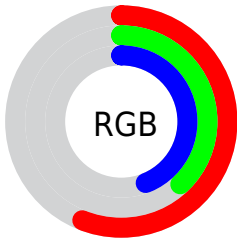
Format	Color
R_{YB}	144, 97, 111
Decimal	9462127
CIE Lab	46.48, 21.21, -0.12
CIE LCh	46, 21.212, 359.670
Yxy	15.6264, 0.3631, 0.3043
Android (android.graphics.Color)	4287652207 (0xFF90616F)
YUV	112.6490, -0.8130, 27.4948
Hunter-Lab	39.5302, 15.0164, 2.0649

Details

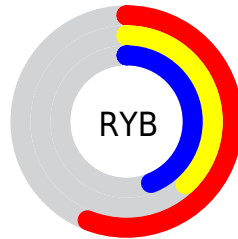
The XYZ color **18.6455, 15.6264, 17.0724** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9329, 24.0999, 24.7741**, and the grayscale version is **15.5900, 16.4019, 17.8616**.

A 20% lighter version of the original color is **40.7540, 35.9663, 39.4445**, and **6.4514, 4.9154, 5.3114** is the 20% darker color. If you saturate the color by 10%, you get **16.9082, 12.9928, 13.9002**, and if you desaturate by 10%, it is **20.6883, 18.7698, 20.6577**.

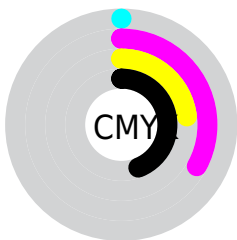
Distribution



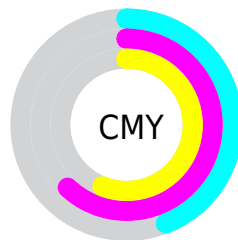
- Red (56%)
- Green (38%)
- Blue (44%)



- Red (56%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6455, 15.6264, 17.0724 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 18.6455, 15.6264, 17.0724 by changing the saturation by 10% instead.

■ 18.6455, 15.6264,
17.0724

■ 18.6455, 15.6264,
17.0724

237.4605,
227.1270, 247.6473

■ 11.5169, 9.2602,
10.1236

■ 40.6557, 35.9484,
39.2426

■ 6.4855, 4.9113,
5.3743

■ 56.2681, 50.6729,
55.3010

■ 3.1859, 2.1953,
2.4060

■ 75.4390, 68.9524,
75.2332

■ 1.2528, 0.7174,
0.7897

■ 98.5340, 91.1711,
99.4575

■ 0.1475, 0.0000,
0.0000

125.9182,
117.7136, 128.3925

■ 0.0000, 0.0000,
0.0000

157.9572,

148.9641, 162.4568

195.0161,
185.3071, 202.0689

■ 18.6455, 15.6264,
17.0724

■ 18.6455, 15.6264,
17.0724

■ 16.9082, 12.9928,
13.9002

■ 20.6883, 18.7698,
20.6577

■ 15.4598, 10.8398,
11.1249

■ 23.0493, 22.4457,
24.6698

■ 14.2844, 9.1385,
8.7303


■ 25.7422, 26.6782,
29.1227


■ 13.3636, 7.8562,
6.6988

■ 28.7793, 31.4893,
34.0295


■ 12.6767, 6.9557,
5.0112


■ 32.1726, 36.8996,
39.4030


 12.1997, 6.3928,
3.6464

 35.9331, 42.9290,
45.2552

 11.9356, 6.1029,
2.8236

 40.0716, 49.5962,
51.5977

 44.5984, 56.9192,
58.4418

 49.5234, 64.9154,
65.7983

Harmonies

Analogous

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



18.0922, 15.6264, 22.6113



18.6455, 15.6264, 17.0724



18.1152, 15.6264, 12.5084

Triad

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



18.6455, 15.6264, 17.0724



13.1821, 15.6264, 9.6904



13.1498, 15.6264, 27.2477

Complementary

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



18.6455, 15.6264, 17.0724



18.9329, 24.0999, 24.7741

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.



12.0070, 15.6264, 22.4904



18.6455, 15.6264, 17.0724



12.0245, 15.6264, 12.4270

Square

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



18.6455, 15.6264, 17.0724



14.8726, 15.6264, 8.8129



11.6122, 15.6264, 16.9567



14.8322, 15.6264, 29.1741

Rectangle

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



18.6455, 15.6264, 17.0724



17.2414, 15.6264, 10.4450



11.6122, 15.6264, 16.9567



12.6950, 15.6264, 25.8843

Sweetspot

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



18.6459, 15.6271, 17.0727



41.7536, 41.3120, 45.3486



18.4999, 15.3018, 28.3640



9.4433, 9.2674, 10.1799



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.



18.6459, 15.6271, 17.0727



30.6384, 24.1457, 26.0315



18.8551, 17.1838, 13.6333



5.4709, 5.4489, 5.9776



10.4031, 5.3183, 2.5082



0.1082, 0.0544, 0.0702

Inverse Universe

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



18.6459, 15.6271, 17.0727



30.6384, 24.1457, 26.0315



18.5726, 21.7720, 29.6091



5.4709, 5.4489, 5.9776



10.4031, 5.3183, 2.5082



0.1082, 0.0544, 0.0702

Previews

White Background



This preview shows how the XYZ color 18.6455, 15.6264, 17.0724 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 18.6455, 15.6264, 17.0724 looks on a black 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

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

XYZ 18.6455, 15.6264, 17.0724

Background



This preview shows how black text looks on a background with the XYZ color 18.6455, 15.6264, 17.0724.



This preview shows how white text looks on a background with the XYZ color 18.6455, 15.6264,

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

18.6455, 15.6264, 17.0724

Protanopia

15.3361, 15.7988, 19.6939

Deuteranopia

16.0441, 15.7571, 16.6638



Tritanopia

18.2452, 15.5949, 15.4131

Trichromacy



Original Color

18.6455, 15.6264, 17.0724

Protanomaly

16.2300, 15.5017, 18.6597

Deuteranomaly

16.8706, 15.5721, 16.8684

Tritanomaly

18.3492, 15.6365, 15.9610

Monochromacy



Original Color

18.6455, 15.6264, 17.0724

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.4945, 15.9703, 17.5425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6455, 15.6264, 17.0724 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(144, 97, 111)` looks like.

```
.text, #text, p{  
    color:rgb(144, 97, 111)  
}
```

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(144, 97, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 97, 111) }
```

Border

The CSS property to change the border of an element to XYZ 18.6455, 15.6264, 17.0724 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(144, 97, 111) }
```


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

```
.border{ border-color:rgb(144, 97, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 97, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 97, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 97, 111);  
box-shadow:4px 4px 4px 4px rgb(144, 97,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6455, 15.6264, 17.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 97, 111) }
```

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

```
.background{ background-color: rgb(144, 97,  
111) }
```

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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