

Converting Colors

XYZ(21.5995, 16.8972, 18.0662)

Have a look what the booklet for
XYZ(21.5995, 16.8972, 18.0662)
contains.

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Color

**XYZ(21.6267, 16.8729,
18.0365)**

Conversions

Conversions Part 1

Format	Color
Hex	A05F72
RGB	160, 95, 114
RGB Percent	63%, 37%, 45%
CMY	0.3725, 0.6274, 0.5529
CMYK	0.00, 0.41, 0.29, 0.37
HSL	342°, 25%, 50%
HSV	342°, 41%, 63%
XYZ	21.6267, 16.8729, 18.0365
YIQ	116.6010, 32.6410, 19.6890

Conversions

Conversions Part 2

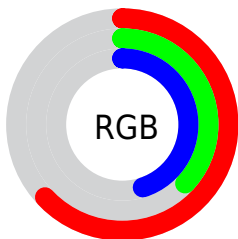
Format	Color
R_{YB}	160, 95, 114
Decimal	10510194
CIE _{Lab}	48.10, 28.96, 0.68
CIE _{LCh}	48, 28.966, 1.338
Yxy	16.8729, 0.3825, 0.2984
Android (android.graphics.Color)	4288700274 (0xFFA05F72)
YUV	116.6010, -1.2823, 38.0609
Hunter-Lab	41.0766, 22.0955, 2.7198

Details

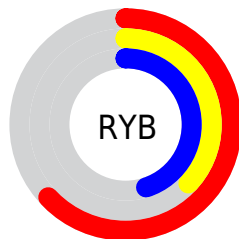
The XYZ color **21.6267, 16.8729, 18.0365** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0986, 29.4981, 29.7299**, and the grayscale version is **16.7824, 17.6564, 19.2278**.

A 20% lighter version of the original color is **45.6356, 38.2195, 41.0482**, and **7.9437, 5.4905, 5.7954** is the 20% darker color. If you saturate the color by 10%, you get **19.7256, 14.0390, 14.4172**, and if you desaturate by 10%, it is **23.9046, 20.3324, 22.1755**.

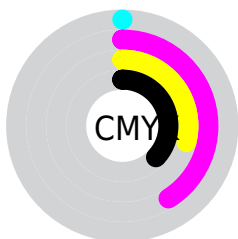
Distribution



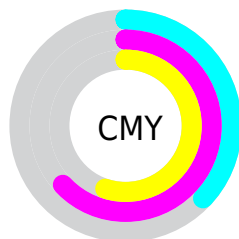
- Red (63%)
- Green (37%)
- Blue (45%)



- Red (63%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (29%)
- Black (37%)





- Cyan (37%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6267, 16.8729, 18.0365 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 21.6267, 16.8729, 18.0365 by changing the saturation by 10% instead.


 21.6267, 16.8729,
18.0365


 21.6267, 16.8729,
18.0365


253.2597,
234.4389, 253.3197


 13.6979, 10.1439,
10.8065


 45.6117, 38.1071,
40.9143


 7.9912, 5.4945,
5.8243


 62.3986, 53.3811,
57.3991

 4.1411, 2.5402,
2.6715

 82.8690, 72.2723,
77.8060

 1.7822, 0.8967,
0.9290

 107.3881, 95.1650,
102.5535

 0.5069, 0.0000,
0.0000

136.3214,
122.4436, 132.0600

 0.0000, 0.0000,
0.0000

170.0342,

154.4925, 166.7442

208.8919,
191.6961, 207.0246

■ 21.6267, 16.8729,
18.0365

■ 21.6267, 16.8729,
18.0365

■ 19.7256, 14.0390,
14.4172

■ 23.9046, 20.3324,
22.1755

■ 18.1786, 11.7905,
11.2953

■ 26.5774, 24.4495,
26.8532

■ 16.9630, 10.0866,
8.6480

■ 29.6635, 29.2571,
32.0890

■ 16.0524, 8.8798,
6.4504


■ 33.1799, 34.7849,
37.9009


■ 15.4163, 8.1146,
4.6748


■ 37.1425, 41.0611,
44.3060

 15.0056, 7.6770,
3.3553

 41.5667, 48.1122,
51.3208

 46.4666, 55.9636,
58.9612

 51.8562, 64.6394,
67.2422

 57.7487, 74.1627,
76.1787

Harmonies

Analogous

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



20.8827, 16.8729, 26.2079



21.6267, 16.8729, 18.0365



20.7425, 16.8729, 11.8364

Triad

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



21.6267, 16.8729, 18.0365



13.5544, 16.8729, 8.5896



13.7375, 16.8729, 34.1856

Complementary

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



21.6267, 16.8729, 18.0365



22.0986, 29.4981, 29.7299

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.



12.1033, 16.8729, 26.9552



21.6267, 16.8729, 18.0365



12.0060, 16.8729, 12.2776

Square

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



21.6267, 16.8729, 18.0365



15.9197, 16.8729, 7.3838



11.5047, 16.8729, 18.7111



16.1552, 16.8729, 36.9277

Rectangle

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



21.6267, 16.8729, 18.0365



19.3991, 16.8729, 9.2431



11.5047, 16.8729, 18.7111



13.0880, 16.8729, 32.1172

Sweetspot

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



21.6272, 16.8737, 18.0368



52.9066, 51.6309, 56.6648



21.3377, 16.3424, 35.2877



11.4508, 11.0853, 12.1708



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.6272, 16.8737, 18.0368



36.0289, 25.8049, 26.5936



21.9260, 19.0258, 13.3442



6.7088, 6.6765, 7.3179



11.7063, 5.9871, 2.7044



0.2264, 0.1139, 0.1385

Inverse Universe

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



21.6272, 16.8737, 18.0368



36.0289, 25.8049, 26.5936



21.4989, 25.8390, 37.1122



6.7088, 6.6765, 7.3179



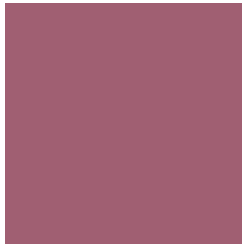
11.7063, 5.9871, 2.7044



0.2264, 0.1139, 0.1385

Previews

White Background



This preview shows how the XYZ color 21.6267, 16.8729, 18.0365 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 21.6267, 16.8729, 18.0365 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 21.6267, 16.8729, 18.0365

Background



This preview shows how black text looks on a background with the XYZ color 21.6267, 16.8729, 18.0365.



This preview shows how white text looks on a background with the XYZ color 21.6267, 16.8729,

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

21.6267, 16.8729, 18.0365

Protanopia

16.6584, 17.0927, 21.8233

Deuteranopia

17.3061, 17.0286, 17.4136



Tritanopia

21.0715, 16.9198, 15.2520

Trichromacy



Original Color

21.6267, 16.8729, 18.0365

Protanomaly

18.0690, 16.7212, 20.3643

Deuteranomaly

18.6237, 16.7620, 17.5830

Tritanomaly

21.1877, 16.8194, 16.3171

Monochromacy



Original Color

21.6267, 16.8729, 18.0365

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.2939, 17.1848, 18.8758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6267, 16.8729, 18.0365 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(160, 95, 114)` looks like.

```
.text, #text, p{  
    color:rgb(160, 95, 114)  
}
```

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(160, 95, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 95, 114) }
```

Border

The CSS property to change the border of an element to XYZ 21.6267, 16.8729, 18.0365 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(160, 95, 114) }
```


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

```
.border{ border-color:rgb(160, 95, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 95, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 95, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 95, 114);  
box-shadow:4px 4px 4px 4px rgb(160, 95,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6267, 16.8729, 18.0365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 95, 114) }
```

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

```
.background{ background-color: rgb(160, 95,  
114) }
```

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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