

Converting Colors

XYZ(18.0462, 13.6269, 20.3551)

Have a look what the booklet for
XYZ(18.0462, 13.6269, 20.3551)
contains.

XYZ(18.0732, 13.6103, 20.4134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.0732, 13.6103,
20.4134)**

Conversions

Conversions Part 1

Format	Color
Hex	8F547B
RGB	143, 84, 123
RGB Percent	56%, 33%, 48%
CMY	0.4392, 0.6706, 0.5176
CMYK	0.00, 0.41, 0.14, 0.44
HSL	320°, 26%, 45%
HSV	320°, 41%, 56%
XYZ	18.0732, 13.6103, 20.4134
YIQ	106.0870, 22.6450, 24.6370

Conversions

Conversions Part 2

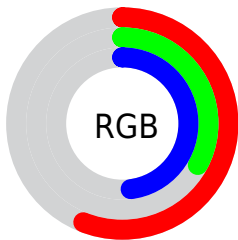
Format	Color
R_{YB}	143, 84, 123
Decimal	9393275
CIE _{Lab}	43.67, 30.33, -11.59
CIE _{LCh}	44, 32.467, 339.085
Yxy	13.6103, 0.3469, 0.2612
Android (android.graphics.Color)	4287583355 (0xFF8F547B)
YUV	106.0870, 8.3381, 32.3727
Hunter-Lab	36.8921, 22.8846, -6.9822

Details

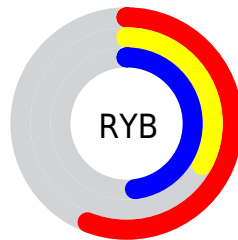
The XYZ color **18.0732, 13.6103, 20.4134** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.9779, 22.5297, 16.6042**, and the grayscale version is **13.6973, 14.4106, 15.6931**.

A 20% lighter version of the original color is **39.7891, 32.4683, 45.2442**, and **6.1813, 3.9803, 6.9211** is the 20% darker color. If you saturate the color by 10%, you get **16.7786, 11.4946, 18.5216**, and if you desaturate by 10%, it is **19.6103, 16.1865, 22.4605**.

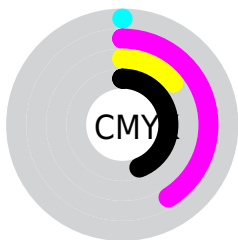
Distribution



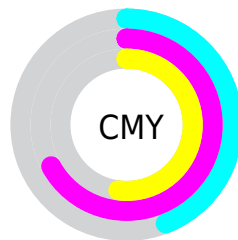
- Red (56%)
- Green (33%)
- Blue (48%)



- Red (56%)
- Yellow (33%)
- Blue (48%)



- Cyan (0%)
- Magenta (41%)
- Yellow (14%)
- Black (44%)



- Cyan (44%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0732, 13.6103, 20.4134 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 18.0732, 13.6103, 20.4134 by changing the saturation by 10% instead.

18.0732, 13.6103,
20.4134

18.0732, 13.6103,
20.4134

234.3209,
214.7928, 266.8223

11.1026, 7.8501,
12.5089

39.6911, 32.3959,
44.9772

6.2037, 3.9992,
6.9645

55.0691, 46.1902,
62.4736

3.0111, 1.6731,
3.3618

73.9803, 63.4313,
84.0044

1.1597, 0.4062,
1.2822

96.7899, 84.5036,
109.9880

0.0742, 0.0000,
0.0471

123.8635,
109.7915, 140.8430

0.0000, 0.0000,
0.0000

155.5663,

139.6794, 176.9881

192.2636,
174.5517, 218.8416

■ 18.0732, 13.6103,
20.4134

■ 18.0732, 13.6103,
20.4134

■ 16.7786, 11.4946,
18.5216

■ 19.6103, 16.1865,
22.4605

■ 15.7111, 9.8097,
16.7784

■ 21.4015, 19.2467,
24.6674

■ 14.8555, 8.5252,
15.1779

■ 23.4592, 22.8153,
27.0393

■ 14.1942, 7.6061,
13.7130

■ 25.7947, 26.9143,
29.5811

■ 13.7063, 7.0113,
12.3757

■ 28.4185, 31.5645,
32.2971

■ 13.3718, 6.6573,
11.2935

■ 31.3404, 36.7855,
35.1917

■ 34.5702, 42.5959,
38.2689

■ 38.1167, 49.0137,
41.5328

■ 41.9886, 56.0558,
44.9871

Harmonies

Analogous

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



16.2772, 13.6103, 28.5955



18.0732, 13.6103, 20.4134



18.4018, 13.6103, 12.7125

Triad

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



18.0732, 13.6103, 20.4134



12.1780, 13.6103, 4.8339



9.4940, 13.6103, 25.5418

Complementary

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



18.0732, 13.6103, 20.4134



15.9779, 22.5297, 16.6042

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.



8.6766, 13.6103, 17.1469



18.0732, 13.6103, 20.4134



10.0868, 13.6103, 6.3787

Square

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



18.0732, 13.6103, 20.4134



14.7650, 13.6103, 5.1973



8.8784, 13.6103, 10.3538



11.2649, 13.6103, 32.1684

Rectangle

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



18.0732, 13.6103, 20.4134



17.7071, 13.6103, 8.9919



8.8784, 13.6103, 10.3538



9.1099, 13.6103, 22.7393

Sweetspot

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



18.0736, 13.6109, 20.4137



41.6220, 40.1792, 47.9857



13.7991, 11.2476, 27.4307



9.4450, 9.0401, 10.8915



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.



18.0736, 13.6109, 20.4137



30.0897, 20.6528, 33.2339



16.5115, 12.9861, 12.1875



5.5496, 5.4804, 6.3922



11.8331, 5.8902, 10.0381



0.1235, 0.0604, 0.1504

Inverse Universe

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



18.0736, 13.6109, 20.4137



30.0897, 20.6528, 33.2339



17.7243, 23.2283, 25.8005



5.5496, 5.4804, 6.3922



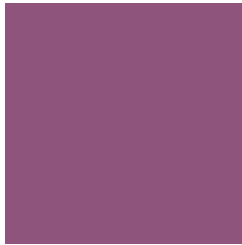
11.8331, 5.8902, 10.0381



0.1235, 0.0604, 0.1504

Previews

White Background



This preview shows how the XYZ color 18.0732, 13.6103, 20.4134 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 18.0732, 13.6103, 20.4134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

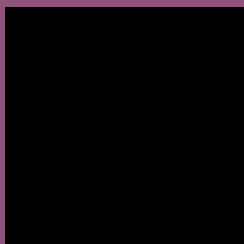
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0732, 13.6103, 20.4134

Background



This preview shows how black text looks on a background with the XYZ color 18.0732, 13.6103, 20.4134.



This preview shows how white text looks on a background with the XYZ color 18.0732, 13.6103,

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

18.0732, 13.6103, 20.4134

Protanopia

13.9146, 13.7132, 25.2061

Deuteranopia

13.9877, 13.7276, 19.6818



Tritanopia

16.4989, 13.5647, 12.8150

Trichromacy



Original Color

18.0732, 13.6103, 20.4134

Protanomaly

14.8710, 13.2679, 23.2499

Deuteranomaly

15.1511, 13.4868, 19.8938

Tritanomaly

16.9942, 13.5197, 15.3495

Monochromacy



Original Color

18.0732, 13.6103, 20.4134

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.9001, 13.8272, 17.2128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0732, 13.6103, 20.4134 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(143, 84, 123)` looks like.

```
.text, #text, p{  
    color:rgb(143, 84, 123)  
}
```

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(143, 84, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 84, 123) }
```

Border

The CSS property to change the border of an element to XYZ 18.0732, 13.6103, 20.4134 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(143, 84, 123) }
```


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

```
.border{ border-color:rgb(143, 84, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 84, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 84, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 84, 123);  
box-shadow:4px 4px 4px 4px rgb(143, 84,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0732, 13.6103, 20.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 84, 123) }
```

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

```
.background{ background-color: rgb(143, 84,  
123) }
```

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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