

Converting Colors

XYZ(18.3038, 20.4754, 17.6396)

Have a look what the booklet for
XYZ(18.3038, 20.4754, 17.6396)
contains.

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Color

**XYZ(18.4188, 20.6291,
17.7629)**

Conversions

Conversions Part 1

Format	Color
Hex	79806E
RGB	121, 128, 110
RGB Percent	47%, 50%, 43%
CMY	0.5255, 0.4980, 0.5686
CMYK	0.05, 0.00, 0.14, 0.50
HSL	83°, 8%, 47%
HSV	83°, 14%, 50%
XYZ	18.4188, 20.6291, 17.7629
YIQ	123.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

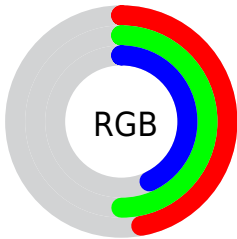
Format	Color
R_{YB}	110, 128, 117
Decimal	7962734
CIE Lab	52.54, -6.09, 8.89
CIE LCh	53, 10.780, 124.424
Yxy	20.6291, 0.3242, 0.3631
Android (android.graphics.Color)	4286152814 (0xFF79806E)
YUV	123.8550, -6.8305, -2.5038
Hunter-Lab	45.4193, -7.0969, 8.6059

Details

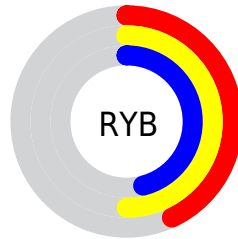
The XYZ color **18.4188, 20.6291, 17.7629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8092, 16.4929, 22.7207**, and the grayscale version is **19.1320, 20.1284, 21.9198**.

A 20% lighter version of the original color is **40.2790, 44.5406, 40.6567**, and **6.3380, 7.3175, 5.6358** is the 20% darker color. If you saturate the color by 10%, you get **17.0919, 20.0205, 14.3219**, and if you desaturate by 10%, it is **19.8835, 21.2984, 21.7368**.

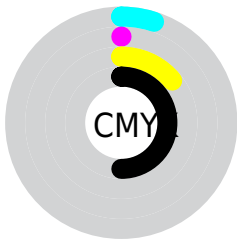
Distribution



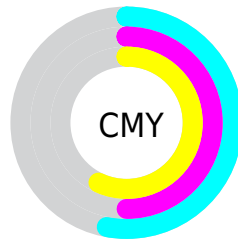
- Red (47%)
- Green (50%)
- Blue (43%)



- Red (43%)
- Yellow (50%)
- Blue (46%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4188, 20.6291, 17.7629 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 18.4188, 20.6291, 17.7629 by changing the saturation by 10% instead.

■ 18.4188, 20.6291,
17.7629

■ 18.4188, 20.6291,
17.7629

236.2213,
255.3007, 251.7223

■ 11.3526, 12.8532,
10.6122

■ 40.2742, 44.4694,
40.4414

■ 6.3735, 7.3275,
5.6959

■ 55.7941, 61.3026,
56.8062

■ 3.1163, 3.6678,
2.5953

■ 74.8625, 81.9237,
77.0796

■ 1.2156, 1.4895,
0.8900

■ 97.8450, 106.7170,
101.6799

■ 0.1186, 0.2813,
0.0000

125.1067,
136.0669, 131.0258

■ 0.0000, 0.0000,
0.0000

157.0131,

170.3580, 165.5358

193.9295,
209.9744, 205.6285

■ 18.4188, 20.6291,
17.7629

■ 18.4188, 20.6291,
17.7629

■ 17.0919, 20.0205,
14.3219

■ 19.8835, 21.2984,
21.7368

■ 15.8964, 19.4678,
11.3898

■ 21.4890, 22.0275,
26.2636

■ 14.8276, 18.9699,
8.9428

■ 23.2401, 22.8192,
31.3638

■ 13.8800, 18.5244,
6.9545

■ 25.1410, 23.6751,
37.0565

■ 13.0475, 18.1289,
5.3963

■ 27.1956, 24.5969,
43.3601

■ 12.3236, 17.7806,
4.2360

■ 29.4077, 25.5861,
50.2919

■ 11.7006, 17.4765,
3.4372

■ 31.7810, 26.6443,
57.8687

■ 11.1688, 17.2125,
2.9519

■ 34.3190, 27.7730,
66.1066

■ 10.8787, 17.0678,
2.7210

■ 37.0250, 28.9735,
75.0212

Harmonies

Analogous

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



19.4422, 20.6291, 16.8732



18.4188, 20.6291, 17.7629



17.7343, 20.6291, 19.9109

Triad

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



18.4188, 20.6291, 17.7629



18.6952, 20.6291, 28.4752



21.8262, 20.6291, 21.9907

Complementary

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



18.4188, 20.6291, 17.7629



16.8092, 16.4929, 22.7207

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.



21.6079, 20.6291, 25.2213



18.4188, 20.6291, 17.7629



19.7734, 20.6291, 29.1648

Square

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



18.4188, 20.6291, 17.7629



17.8896, 20.6291, 26.1190



20.8459, 20.6291, 27.9234



21.4317, 20.6291, 19.1626

Rectangle

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



18.4188, 20.6291, 17.7629



17.5477, 20.6291, 21.8696



20.8459, 20.6291, 27.9234



21.8221, 20.6291, 23.0642

Sweetspot

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



18.4194, 20.6300, 17.7633



34.9985, 37.4936, 38.2479



18.0670, 18.4150, 17.3544



8.1523, 8.7592, 8.8393



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.4194, 20.6300, 17.7633



31.6245, 35.9520, 29.1554



17.2291, 20.0164, 17.7076



4.5084, 4.9385, 4.6357



10.7880, 16.9238, 2.6980



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.8092, 16.4929, 22.7207



28.1968, 27.1443, 39.7095



18.0624, 17.1389, 22.7794



4.2548, 4.2869, 5.4165



5.1591, 2.2133, 20.4052



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.4188, 20.6291, 17.7629 looks on a white background.

Color Contrast Check

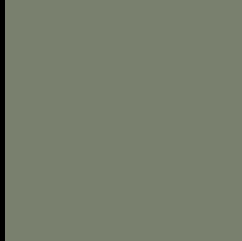
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4188, 20.6291, 17.7629 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

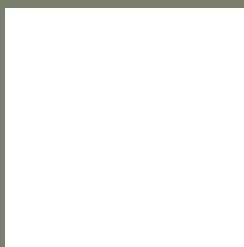
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4188, 20.6291, 17.7629

Background



This preview shows how black text looks on a background with the XYZ color 18.4188, 20.6291, 17.7629.



This preview shows how white text looks on a background with the XYZ color 18.4188, 20.6291,

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

18.4188, 20.6291, 17.7629

Protanopia

19.4005, 20.5752, 17.1363

Deuteranopia

20.8619, 20.5732, 17.9104



Tritanopia

20.0941, 20.7484, 25.5000

Trichromacy



Original Color

18.4188, 20.6291, 17.7629

Protanomaly

18.9736, 20.5379, 17.4322

Deuteranomaly

19.9084, 20.6313, 17.9719

Tritanomaly

19.4747, 20.6875, 22.3687

Monochromacy



Original Color

18.4188, 20.6291, 17.7629

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.8318, 20.2101, 20.3612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4188, 20.6291, 17.7629 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(121, 128, 110)` looks like.

```
.text, #text, p{  
    color:rgb(121, 128, 110)  
}
```

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(121, 128, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 128, 110) }
```

Border

The CSS property to change the border of an element to XYZ 18.4188, 20.6291, 17.7629 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(121, 128, 110) }
```


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

```
.border{ border-color:rgb(121, 128, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 128, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 128, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 128, 110);  
box-shadow:4px 4px 4px 4px rgb(121, 128,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4188, 20.6291, 17.7629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 128, 110) }
```

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

```
.background{ background-color: rgb(121,  
128, 110) }
```

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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