

Converting Colors

XYZ(14.6483, 18.5298, 20.2303)

Have a look what the booklet for
XYZ(14.6483, 18.5298, 20.2303)
contains.

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Color

**XYZ(14.7051, 18.6551,
20.2785)**

Conversions

Conversions Part 1

Format	Color
Hex	548077
RGB	84, 128, 119
RGB Percent	33%, 50%, 47%
CMY	0.6706, 0.4980, 0.5333
CMYK	0.34, 0.00, 0.07, 0.50
HSL	168°, 21%, 42%
HSV	168°, 34%, 50%
XYZ	14.7051, 18.6551, 20.2785
YIQ	113.8180, -23.3350, -12.1270

Conversions

Conversions Part 2

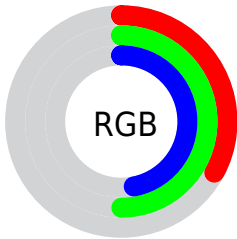
Format	Color
R_{YB}	84, 109, 128
Decimal	5537911
CIE _{Lab}	50.28, -17.28, 0.06
CIE _{LCh}	50, 17.276, 179.790
Yxy	18.6551, 0.2742, 0.3478
Android (android.graphics.Color)	4283727991 (0xFF548077)
YUV	113.8180, 2.5547, -26.1504
Hunter-Lab	43.1916, -14.8127, 2.3973

Details

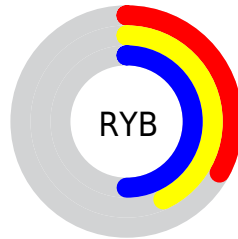
The XYZ color **14.7051, 18.6551, 20.2785** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.0488, 11.7206, 11.8785**, and the grayscale version is **15.9377, 16.7677, 18.2601**.

A 20% lighter version of the original color is **33.8662, 41.1389, 44.6837**, and **4.6264, 6.4042, 6.9535** is the 20% darker color. If you saturate the color by 10%, you get **13.5075, 18.0561, 19.4131**, and if you desaturate by 10%, it is **16.1175, 19.3653, 21.1774**.

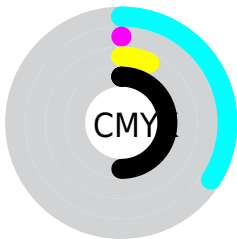
Distribution



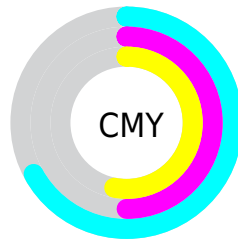
- Red (33%)
- Green (50%)
- Blue (47%)



- Red (33%)
- Yellow (43%)
- Blue (50%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (50%)



- Cyan (67%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7051, 18.6551, 20.2785 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 14.7051, 18.6551, 20.2785 by changing the saturation by 10% instead.

■ 14.7051, 18.6551,
20.2785

■ 14.7051, 18.6551,
20.2785

214.9982,
244.5380, 266.0728

■ 8.6976, 11.4213,
12.4116

■ 33.9109, 41.1505,
44.7487

■ 4.6000, 6.3510,
6.8987

■ 47.8400, 57.1809,
62.1891

■ 2.0469, 3.0597,
3.3213

■ 65.1403, 76.9123,
83.6576

■ 0.6601, 1.1630,
1.2610

■ 86.1773, 100.7291,
109.5730

■ 0.0000, 0.0311,
0.0295

■ 111.3162,
129.0156, 140.3536

■ 0.0000, 0.0000,
0.0000

140.9224,

162.1564, 176.4181

175.3613,
200.5357, 218.1850

■ 14.7051, 18.6551,
20.2785

■ 14.7051, 18.6551,
20.2785

■ 13.5075, 18.0561,
19.4131

■ 16.1175, 19.3653,
21.1774

■ 12.5117, 17.5602,
18.5791

■ 17.7537, 20.1898,
22.1092

■ 11.7056, 17.1615,
17.7764

■ 19.6241, 21.1346,
23.0749

■ 11.0752, 16.8530,
17.0039

■ 21.7380, 22.2044,
24.0752

■ 10.6047, 16.6264,
16.2608

■ 24.1041, 23.4037,
25.1106

■ 10.2724, 16.4706,
15.5459

■ 26.7308, 24.7368,
26.1817

■ 10.1087, 16.3947,
15.1543

■ 29.6260, 26.2079,
27.2890

■ 32.7974, 27.8207,
28.4331

■ 36.2522, 29.5792,
29.6144

Harmonies

Analogous

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



15.0941, 18.6551, 16.0206



14.7051, 18.6551, 20.2785



15.0835, 18.6551, 25.2414

Triad

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



14.7051, 18.6551, 20.2785



19.3777, 18.6551, 29.4018



19.3994, 18.6551, 13.3460

Complementary

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



14.7051, 18.6551, 20.2785



14.0488, 11.7206, 11.8785

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.



20.6717, 18.6551, 16.0706



14.7051, 18.6551, 20.2785



20.6587, 18.6551, 25.3090

Square

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



14.7051, 18.6551, 20.2785



17.7193, 18.6551, 30.9872



21.1461, 18.6551, 20.3460



17.7429, 18.6551, 12.4226

Rectangle

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



14.7051, 18.6551, 20.2785



15.7345, 18.6551, 28.1909



21.1461, 18.6551, 20.3460



19.8899, 18.6551, 14.0580

Sweetspot

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



14.7056, 18.6559, 20.2789



32.5708, 36.2091, 39.6224



13.8884, 18.4343, 11.2140



7.5362, 8.4323, 9.2298



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.



14.7056, 18.6559, 20.2789



24.2604, 32.0288, 34.5437



13.7447, 15.8275, 22.7536



4.4099, 4.8723, 5.3298



10.0235, 16.2560, 15.0285



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0488, 11.7206, 11.8785



22.9295, 17.9397, 17.4946



14.7285, 13.6810, 10.2522



4.3610, 4.3575, 4.7054



9.0144, 4.6255, 1.3999



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7051, 18.6551, 20.2785 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 14.7051, 18.6551, 20.2785 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

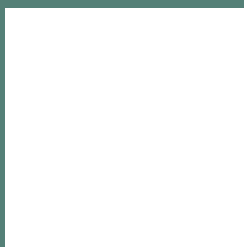
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7051, 18.6551, 20.2785

Background



This preview shows how black text looks on a background with the XYZ color 14.7051, 18.6551, 20.2785.

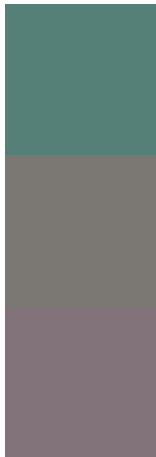


This preview shows how white text looks on a background with the XYZ color 14.7051, 18.6551,

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

14.7051, 18.6551, 20.2785

Protanopia

17.8025, 18.6195, 18.5752

Deuteranopia

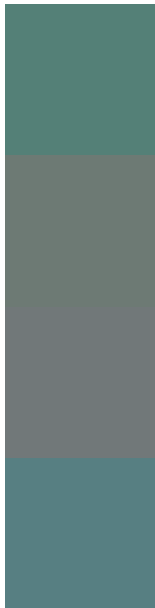
18.8495, 18.4124, 20.9728



Tritanopia

15.9293, 18.7740, 26.0767

Trichromacy



Original Color

14.7051, 18.6551, 20.2785

Protanomaly

16.4186, 18.4312, 19.2152

Deuteranomaly

16.9777, 18.3241, 20.7312

Tritanomaly

15.5491, 18.8167, 23.9316

Monochromacy



Original Color

14.7051, 18.6551, 20.2785

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.3427, 17.3382, 19.0609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7051, 18.6551, 20.2785 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(84, 128, 119)` looks like.

```
.text, #text, p{  
    color:rgb(84, 128, 119)  
}
```

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(84, 128, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 128, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.7051, 18.6551, 20.2785 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(84, 128, 119) }
```


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

```
.border{ border-color:rgb(84, 128, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 128, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 128, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 128, 119);  
box-shadow:4px 4px 4px 4px rgb(84, 128,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7051, 18.6551, 20.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 128, 119) }
```

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

```
.background{ background-color: rgb(84, 128,  
119) }
```

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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