

Converting Colors

XYZ(14.1060, 18.3765, 20.3528)

Have a look what the booklet for
XYZ(14.1060, 18.3765, 20.3528)
contains.

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Color

**XYZ(14.0294, 18.3068,
20.2469)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8077
RGB	76, 128, 119
RGB Percent	30%, 50%, 47%
CMY	0.7020, 0.4980, 0.5333
CMYK	0.41, 0.00, 0.07, 0.50
HSL	170°, 25%, 40%
HSV	170°, 41%, 50%
XYZ	14.0294, 18.3068, 20.2469
YIQ	111.4260, -28.1030, -13.8230

Conversions

Conversions Part 2

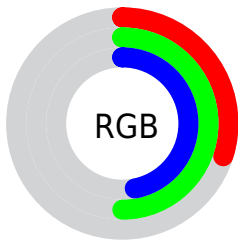
Format	Color
RYB	76, 104, 128
Decimal	5013623
CIELab	49.87, -19.66, -0.59
CIElCh	50, 19.672, 181.728
Yxy	18.3068, 0.2668, 0.3481
Android (android.graphics.Color)	4283203703 (0xFF4C8077)
YUV	111.4260, 3.7340, -31.0686
Hunter-Lab	42.7864, -16.3473, 1.8940

Details

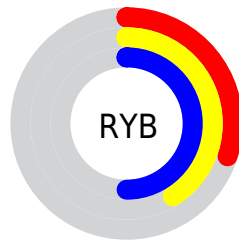
The XYZ color **14.0294, 18.3068, 20.2469** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.1268, 10.4143, 9.9132**, and the grayscale version is **15.2290, 16.0221, 17.4481**.

A 20% lighter version of the original color is **32.7766, 40.5772, 44.6328**, and **4.3342, 6.2536, 6.9399** is the 20% darker color. If you saturate the color by 10%, you get **12.9805, 17.7817, 19.5116**, and if you desaturate by 10%, it is **15.2848, 18.9389, 21.0089**.

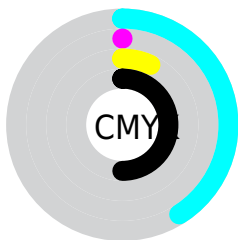
Distribution



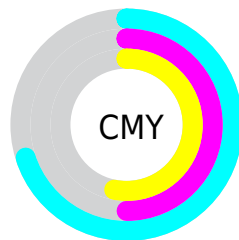
- Red (30%)
- Green (50%)
- Blue (47%)



- Red (30%)
- Yellow (41%)
- Blue (50%)



- Cyan (41%)
- Magenta (0%)
- Yellow (7%)
- Black (50%)



- Cyan (70%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0294, 18.3068, 20.2469 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 14.0294, 18.3068, 20.2469 by changing the saturation by 10% instead.

■ 14.0294, 18.3068,
20.2469

■ 14.0294, 18.3068,
20.2469

210.9206,
242.5947, 265.8969

■ 8.2230, 11.1705,
12.3888

■ 32.7270, 40.5594,
44.6951

■ 4.2909, 6.1816,
6.8833

■ 46.3489, 56.4445,
62.1224

■ 1.8680, 2.9558,
3.3119

■ 63.3066, 76.0146,
83.5763

■ 0.5581, 1.1087,
1.2560

■ 83.9656, 99.6542,
109.4757

■ 0.0000, 0.0000,
0.0253

■ 108.6911,
127.7476, 140.2388

■ 0.0000, 0.0000,
0.0000

137.8485,

160.6792, 176.2844

171.8033,
198.8334, 218.0309

■ 14.0294, 18.3068,
20.2469

■ 14.0294, 18.3068,
20.2469

■ 12.9805, 17.7817,
19.5116

■ 15.2848, 18.9389,
21.0089

■ 12.1245, 17.3553,
18.8009

■ 16.7563, 19.6815,
21.7969

■ 11.4486, 17.0213,
18.1147

■ 18.4546, 20.5408,
22.6120

■ 10.9375, 16.7720,
17.4521

■ 20.3894, 21.5216,
23.4547

■ 10.5738, 16.5983,
16.8121

■ 22.5698, 22.6286,
24.3254

■ 10.3130, 16.4764,
16.2301

■ 25.0043, 23.8662,
25.2248

■ 27.7011, 25.2387,
26.1533

■ 30.6681, 26.7501,
27.1114

■ 33.9126, 28.4042,
28.0995

Harmonies

Analogous

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



14.4051, 18.3068, 15.4181



14.0294, 18.3068, 20.2469



14.5014, 18.3068, 25.8917

Triad

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



14.0294, 18.3068, 20.2469



19.3723, 18.3068, 30.1054



19.1701, 18.3068, 12.1311

Complementary

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



14.0294, 18.3068, 20.2469



13.1268, 10.4143, 9.9132

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.



20.6613, 18.3068, 14.9668



14.0294, 18.3068, 20.2469



20.7838, 18.3068, 25.2531

Square

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



14.0294, 18.3068, 20.2469



17.5093, 18.3068, 32.1830



21.2715, 18.3068, 19.6223



17.2913, 18.3068, 11.2684

Rectangle

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



14.0294, 18.3068, 20.2469



15.2545, 18.3068, 29.2213



21.2715, 18.3068, 19.6223



19.7379, 18.3068, 12.8565

Sweetspot

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



14.0299, 18.3075, 20.2473



31.9689, 35.8994, 39.5700



12.8191, 17.9173, 9.6204



7.4093, 8.3668, 9.2292



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.



14.0299, 18.3075, 20.2473



22.9370, 31.3480, 34.4150



12.6201, 14.5812, 22.5723



4.4155, 4.8745, 5.3591



10.2260, 16.3370, 16.0949



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.1268, 10.4143, 9.9132



21.1180, 15.3967, 13.5611



14.0749, 12.8469, 8.5755



4.3558, 4.3555, 4.6782



8.9726, 4.6087, 1.1793



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0294, 18.3068, 20.2469 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 14.0294, 18.3068, 20.2469 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 14.0294, 18.3068, 20.2469

Background



This preview shows how black text looks on a background with the XYZ color 14.0294, 18.3068, 20.2469.

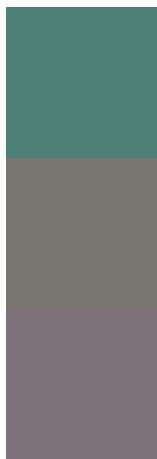


This preview shows how white text looks on a background with the XYZ color 14.0294, 18.3068,

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

14.0294, 18.3068, 20.2469

Protanopia

17.3442, 18.2141, 18.2243

Deuteranopia

18.4323, 18.0290, 20.9208



Tritanopia

15.2131, 18.4048, 26.0432

Trichromacy



Original Color

14.0294, 18.3068, 20.2469

Protanomaly

15.8797, 18.1601, 18.8880

Deuteranomaly

16.3547, 17.8253, 20.6678

Tritanomaly

14.8431, 18.4527, 23.8985

Monochromacy



Original Color

14.0294, 18.3068, 20.2469

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4356, 16.5342, 18.3502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0294, 18.3068, 20.2469 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(76, 128, 119)` looks like.

```
.text, #text, p{  
    color:rgb(76, 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(76, 128, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 128, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.0294, 18.3068, 20.2469 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(76, 128, 119) }
```


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

```
.border{ border-color:rgb(76, 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(76, 128, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 128, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 128, 119);  
box-shadow:4px 4px 4px 4px rgb(76, 128,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0294, 18.3068, 20.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 128, 119) }
```

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

```
.background{ background-color: rgb(76, 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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