

Converting Colors

XYZ(14.0765, 20.1870, 12.4190)

Have a look what the booklet for
XYZ(14.0765, 20.1870, 12.4190)
contains.

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Color

**XYZ(14.0453, 20.1067,
12.3732)**

Conversions

Conversions Part 1

Format	Color
Hex	528858
RGB	82, 136, 88
RGB Percent	32%, 53%, 35%
CMY	0.6784, 0.4667, 0.6549
CMYK	0.40, 0.00, 0.35, 0.47
HSL	127°, 25%, 43%
HSV	127°, 40%, 53%
XYZ	14.0453, 20.1067, 12.3732
YIQ	114.3820, -16.7760, -26.3760

Conversions

Conversions Part 2

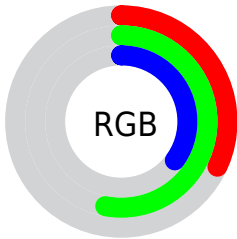
Format	Color
RYB	82, 131, 136
Decimal	5408856
CIELab	51.96, -28.58, 20.30
CIElCh	52, 35.051, 144.619
Yxy	20.1067, 0.3019, 0.4322
Android (android.graphics.Color)	4283598936 (0xFF528858)
YUV	114.3820, -13.0063, -28.3990
Hunter-Lab	44.8405, -22.5597, 15.0280

Details

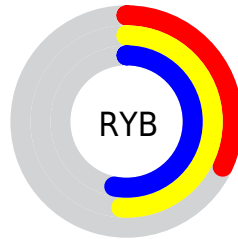
The XYZ color **14.0453, 20.1067, 12.3732** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.2006, 12.8810, 22.6997**, and the grayscale version is **16.1510, 16.9921, 18.5044**.

A 20% lighter version of the original color is **32.8324, 43.7302, 30.7551**, and **4.3414, 7.1298, 3.3379** is the 20% darker color. If you saturate the color by 10%, you get **12.5179, 19.3730, 9.9011**, and if you desaturate by 10%, it is **15.8912, 20.9961, 15.2947**.

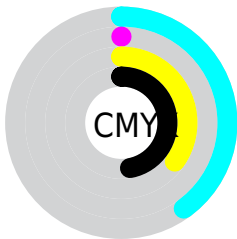
Distribution



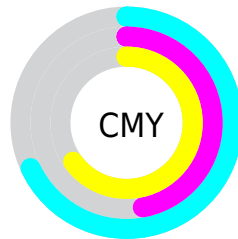
- Red (32%)
- Green (53%)
- Blue (35%)



- Red (32%)
- Yellow (51%)
- Blue (53%)



- Cyan (40%)
- Magenta (0%)
- Yellow (35%)
- Black (47%)



- Cyan (68%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0453, 20.1067, 12.3732 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 14.0453, 20.1067, 12.3732 by changing the saturation by 10% instead.

■ 14.0453, 20.1067,
12.3732

■ 14.0453, 20.1067,
12.3732

211.0174,
252.4922, 217.9254

■ 8.2341, 12.4726,
6.8728

■ 32.7550, 43.5960,
30.8475

■ 4.2982, 7.0664,
3.3054

■ 46.3842, 60.2200,
44.6585

■ 1.8722, 3.5037,
1.2526

■ 63.3500, 80.6095,
62.0767

■ 0.5606, 1.4000,
0.0225

■ 84.0180, 105.1488,
83.5207

■ 0.0000, 0.2167,
0.0000

■ 108.7533,
134.2223, 109.4090

■ 0.0000, 0.0000,
0.0000

137.9215,

168.2144, 140.1602

171.8877,
207.5096, 176.1928

■ 14.0453, 20.1067,
12.3732

■ 14.0453, 20.1067,
12.3732

■ 12.5179, 19.3730,
9.9011

■ 15.8912, 20.9961,
15.2947

■ 11.2896, 18.7838,
7.8547

■ 18.0707, 22.0469,
18.6848

■ 10.3408, 18.3301,
6.2105


■ 20.5997, 23.2675,
22.5634


■ 9.6495, 18.0011,
4.9419


■ 23.4928, 24.6648,
26.9487


■ 9.1899, 17.7841,
4.0192

■ 26.7634, 26.2456,
31.8582


 8.8991, 17.6475,
3.4068

 30.4247, 28.0162,
37.3083

 8.8915, 17.6438,
3.3931

 34.4889, 29.9827,
43.3149

 38.9678, 32.1507,
49.8930

 43.8727, 34.5258,
57.0573

Harmonies

Analogous

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



16.3930, 20.1067, 8.4483



14.0453, 20.1067, 12.3732



13.0620, 20.1067, 20.1014

Triad

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



14.0453, 20.1067, 12.3732



18.4746, 20.1067, 47.8585



26.0507, 20.1067, 14.6855

Complementary

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



14.0453, 20.1067, 12.3732



17.2006, 12.8810, 22.6997

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.



26.7871, 20.1067, 23.7875



14.0453, 20.1067, 12.3732



22.1136, 20.1067, 45.0527

Square

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



14.0453, 20.1067, 12.3732



15.4074, 20.1067, 42.1369



25.2678, 20.1067, 35.3534



23.3647, 20.1067, 9.4630

Rectangle

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



14.0453, 20.1067, 12.3732



13.2114, 20.1067, 27.2356



25.2678, 20.1067, 35.3534



26.5475, 20.1067, 17.2988

Sweetspot

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



14.0458, 20.1075, 12.3736



35.1030, 40.4240, 37.9323



19.6262, 23.0119, 11.3902



8.0143, 9.3062, 8.6086



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.0458, 20.1075, 12.3736



22.2218, 34.2176, 17.7140



15.3445, 20.6270, 19.2125



4.9930, 5.6167, 5.4841



8.4172, 16.6995, 3.2217



0.0585, 0.1120, 0.0348

Inverse Universe

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



17.2006, 12.8810, 22.6997



28.6117, 19.5652, 38.6178



15.6497, 12.2606, 14.5326



5.2103, 5.1196, 6.1960



12.8719, 6.2589, 17.6278



0.0887, 0.0428, 0.1338

Previews

White Background



This preview shows how the XYZ color 14.0453, 20.1067, 12.3732 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 14.0453, 20.1067, 12.3732 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 14.0453, 20.1067, 12.3732

Background



This preview shows how black text looks on a background with the XYZ color 14.0453, 20.1067, 12.3732.



This preview shows how white text looks on a background with the XYZ color 14.0453, 20.1067,

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

14.0453, 20.1067, 12.3732

Protanopia

18.4758, 19.8588, 11.0430

Deuteranopia

20.0873, 19.7493, 12.8785



Tritanopia

17.2305, 20.1859, 27.7991

Trichromacy



Original Color

14.0453, 20.1067, 12.3732

Protanomaly

16.4291, 19.7391, 11.5384

Deuteranomaly

17.2480, 19.5601, 12.7639

Tritanomaly

15.8223, 20.0069, 21.1169

Monochromacy



Original Color

14.0453, 20.1067, 12.3732

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.9888, 17.7638, 16.0034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0453, 20.1067, 12.3732 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(82, 136, 88)` looks like.

```
.text, #text, p{  
    color:rgb(82, 136, 88)  
}
```

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(82, 136, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 136, 88) }
```

Border

The CSS property to change the border of an element to XYZ 14.0453, 20.1067, 12.3732 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(82, 136, 88) }
```


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

```
.border{ border-color:rgb(82, 136, 88) }
```

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

Here you see how a box with a 4 pixel rgb(82, 136, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 136, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 136, 88);  
box-shadow:4px 4px 4px 4px rgb(82, 136,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0453, 20.1067, 12.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 136, 88) }
```

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

```
.background{ background-color: rgb(82, 136,  
88) }
```

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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