

Converting Colors

XYZ(14.8770, 20.2974, 11.2649)

Have a look what the booklet for
XYZ(14.8770, 20.2974, 11.2649)
contains.

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Color

**XYZ(14.9446, 20.3854,
11.3307)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8753
RGB	95, 135, 83
RGB Percent	37%, 53%, 33%
CMY	0.6275, 0.4706, 0.6745
CMYK	0.30, 0.00, 0.39, 0.47
HSL	106°, 24%, 43%
HSV	106°, 39%, 53%
XYZ	14.9446, 20.3854, 11.3307
YIQ	117.1120, -7.1480, -24.6520

Conversions

Conversions Part 2

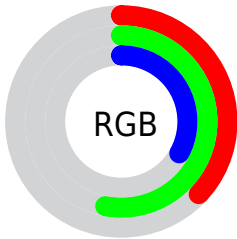
Format	Color
R_{YB}	83, 135, 123
Decimal	6260563
CIE _{Lab}	52.27, -24.40, 23.63
CIE _{LCh}	52, 33.970, 135.912
Y _{xy}	20.3854, 0.3203, 0.4369
Android (android.graphics.Color)	4284450643 (0xFF5F8753)
YUV	117.1120, -16.8172, -19.3922
Hunter-Lab	45.1502, -19.9298, 16.7260

Details

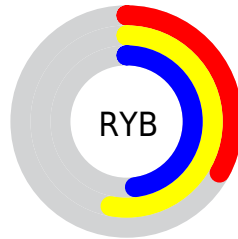
The XYZ color **14.9446, 20.3854, 11.3307** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.6358, 12.1474, 24.4434**, and the grayscale version is **16.9958, 17.8809, 19.4723**.

A 20% lighter version of the original color is **34.4639, 44.2917, 28.9230**, and **4.7091, 7.2114, 2.8940** is the 20% darker color. If you saturate the color by 10%, you get **13.4656, 19.6781, 8.8007**, and if you desaturate by 10%, it is **16.6700, 21.2093, 14.4030**.

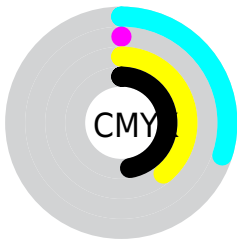
Distribution



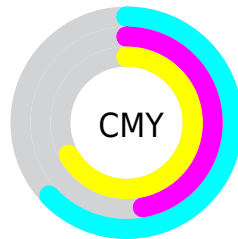
- Red (37%)
- Green (53%)
- Blue (33%)



- Red (33%)
- Yellow (53%)
- Blue (48%)



- Cyan (30%)
- Magenta (0%)
- Yellow (39%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9446, 20.3854, 11.3307 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 14.9446, 20.3854, 11.3307 by changing the saturation by 10% instead.

■ 14.9446, 20.3854,
11.3307

■ 14.9446, 20.3854,
11.3307

216.4257,
253.9939, 210.7407

■ 8.8666, 12.6755,
6.1728

■ 34.3284, 44.0624,
28.9160

■ 4.7107, 7.2055,
2.8799

■ 48.3649, 60.7983,
42.1805

■ 2.1115, 3.5909,
1.0337

■ 65.7850, 81.3116,
58.9842

■ 0.6955, 1.4475,
0.0000

■ 86.9539, 105.9868,
79.7458

■ 0.0000, 0.2513,
0.0000

■ 112.2371,
135.2082, 104.8836

■ 0.0000, 0.0000,
0.0000

141.9999,

169.3603, 134.8164

176.6076,
208.8274, 169.9626

■ 14.9446, 20.3854,
11.3307

■ 14.9446, 20.3854,
11.3307

■ 13.4656, 19.6781,
8.8007

■ 16.6700, 21.2093,
14.4030

■ 12.2200, 19.0793,
6.7801

■ 18.6510, 22.1520,
18.0452

■ 11.1956, 18.5844,
5.2348


■ 20.8983, 23.2190,
22.2844


■ 10.3786, 18.1869,
4.1258


■ 23.4214, 24.4147,
27.1460


■ 9.7536, 17.8799,
3.4079


■ 26.2295, 25.7433,
32.6535


 9.2926, 17.6514,
2.9747

 29.3311, 27.2088,
38.8294

 9.2340, 17.6225,
2.9148

 32.7346, 28.8149,
45.6952

 36.4478, 30.5653,
53.2711

 40.4786, 32.4636,
61.5770

Harmonies

Analogous

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



17.5936, 20.3854, 8.3700



14.9446, 20.3854, 11.3307



13.5689, 20.3854, 17.8395

Triad

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



14.9446, 20.3854, 11.3307



17.7879, 20.3854, 46.5397



26.5716, 20.3854, 17.3334

Complementary

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



14.9446, 20.3854, 11.3307



15.6358, 12.1474, 24.4434

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.



26.6399, 20.3854, 27.2101



14.9446, 20.3854, 11.3307



21.2742, 20.3854, 46.2808

Square

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



14.9446, 20.3854, 11.3307



15.0720, 20.3854, 39.0585



24.6061, 20.3854, 38.4312



24.4293, 20.3854, 11.0566

Rectangle

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



14.9446, 20.3854, 11.3307



13.4384, 20.3854, 24.2351



24.6061, 20.3854, 38.4312



26.8458, 20.3854, 20.2750

Sweetspot

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



14.9451, 20.3863, 11.3311



35.8570, 40.8356, 36.9304



18.6203, 19.9092, 11.0454



8.2019, 9.4086, 8.3597



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.



14.9451, 20.3863, 11.3311



24.4806, 35.4140, 16.3749



14.3834, 20.0285, 14.3849



4.7095, 5.2528, 4.9950



8.5249, 16.2547, 2.6882



0.0350, 0.0592, 0.0096

Inverse Universe

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



15.6358, 12.1474, 24.4434



25.8832, 18.5152, 43.2579



16.5451, 12.7217, 19.7164



4.7557, 4.7101, 5.8592



9.2929, 4.3248, 21.4817



0.0385, 0.0182, 0.0747

Previews

White Background



This preview shows how the XYZ color 14.9446, 20.3854, 11.3307 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 14.9446, 20.3854, 11.3307 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 14.9446, 20.3854, 11.3307

Background



This preview shows how black text looks on a background with the XYZ color 14.9446, 20.3854, 11.3307.



This preview shows how white text looks on a background with the XYZ color 14.9446, 20.3854,

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

14.9446, 20.3854, 11.3307

Protanopia

18.6106, 20.1307, 10.3019

Deuteranopia

20.5299, 20.1777, 11.8295



Tritanopia

18.0883, 20.2455, 27.3805

Trichromacy



Original Color

14.9446, 20.3854, 11.3307

Protanomaly

16.9129, 20.0106, 10.5604

Deuteranomaly

18.0666, 20.0062, 11.7135

Tritanomaly

16.8129, 20.3312, 20.4909

Monochromacy



Original Color

14.9446, 20.3854, 11.3307

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.0641, 18.6864, 16.1248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9446, 20.3854, 11.3307 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(95, 135, 83)` looks like.

```
.text, #text, p{  
    color:rgb(95, 135, 83)  
}
```

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(95, 135, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 135, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.9446, 20.3854, 11.3307 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(95, 135, 83) }
```


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

```
.border{ border-color:rgb(95, 135, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 135, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 135, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 135, 83);  
box-shadow:4px 4px 4px 4px rgb(95, 135,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9446, 20.3854, 11.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 135, 83) }
```

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

```
.background{ background-color: rgb(95, 135,  
83) }
```

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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