

Converting Colors

XYZ(14.7540, 20.5251, 15.7023)

Have a look what the booklet for
XYZ(14.7540, 20.5251, 15.7023)
contains.

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Color

**XYZ(14.8236, 20.6445,
15.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	528966
RGB	82, 137, 102
RGB Percent	32%, 54%, 40%
CMY	0.6784, 0.4627, 0.6000
CMYK	0.40, 0.00, 0.26, 0.46
HSL	142°, 25%, 43%
HSV	142°, 40%, 54%
XYZ	14.8236, 20.6445, 15.7739
YIQ	116.5650, -21.5450, -22.5450

Conversions

Conversions Part 2

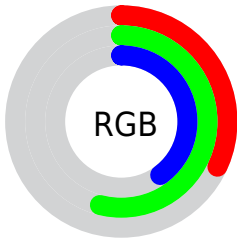
Format	Color
RYB	82, 122, 137
Decimal	5409126
CIELab	52.56, -26.37, 13.16
CIElCh	53, 29.474, 153.474
Yxy	20.6445, 0.2893, 0.4029
Android (android.graphics.Color)	4283599206 (0xFF528966)
YUV	116.5650, -7.1805, -30.3135
Hunter-Lab	45.4362, -21.2776, 11.2219

Details

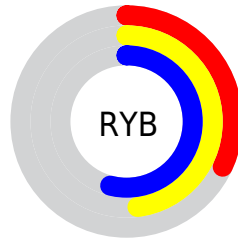
The XYZ color **14.8236, 20.6445, 15.7739** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.5454, 12.6377, 18.3976**, and the grayscale version is **16.8007, 17.6757, 19.2488**.

A 20% lighter version of the original color is **34.2121, 44.6298, 36.9482**, and **4.6934, 7.3993, 4.7953** is the 20% darker color. If you saturate the color by 10%, you get **13.3393, 19.9273, 13.5651**, and if you desaturate by 10%, it is **16.5924, 21.5043, 18.2344**.

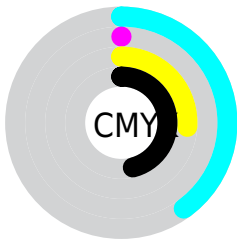
Distribution



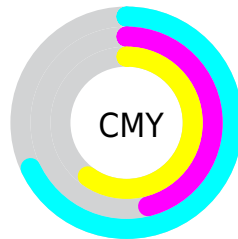
- Red (32%)
- Green (54%)
- Blue (40%)



- Red (32%)
- Yellow (48%)
- Blue (54%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (46%)



- Cyan (68%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8236, 20.6445, 15.7739 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 14.8236, 20.6445, 15.7739 by changing the saturation by 10% instead.

■ 14.8236, 20.6445,
15.7739

■ 14.8236, 20.6445,
15.7739

215.7056,
255.3831, 239.8038

■ 8.7812, 12.8644,
9.2117

■ 34.1176, 44.4951,
36.9665

■ 4.6547, 7.3352,
4.7808

■ 48.1000, 61.3344,
52.4341

■ 2.0788, 3.6726,
2.0628

■ 65.4596, 81.9623,
71.7071

■ 0.6776, 1.4922,
0.5935

■ 86.5620, 106.7630,
95.2042

■ 0.0000, 0.2832,
0.0000

■ 111.7724,
136.1211, 123.3438

■ 0.0000, 0.0000,
0.0000

141.4563,

170.4209, 156.5446

175.9789,
210.0468, 195.2251

■ 14.8236, 20.6445,
15.7739

■ 14.8236, 20.6445,
15.7739

■ 13.3393, 19.9273,
13.5651

■ 16.5924, 21.5043,
18.2344

■ 12.1222, 19.3421,
11.5984

■ 18.6584, 22.5113,
20.9528

■ 11.1557, 18.8812,
9.8659


■ 21.0356, 23.6732,
23.9368


■ 10.4203, 18.5347,
8.3587


■ 23.7365, 24.9963,
27.1936


■ 9.8937, 18.2912,
7.0669


■ 26.7731, 26.4866,
30.7299

 9.5179, 18.1209,
5.9932

 30.1565, 28.1497,
34.5522

 33.8974, 29.9910,
38.6668

 38.0062, 32.0158,
43.0797

 42.4925, 34.2288,
47.7971

Harmonies

Analogous

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



16.5585, 20.6445, 11.1674



14.8236, 20.6445, 15.7739



14.3256, 20.6445, 23.5127

Triad

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



14.8236, 20.6445, 15.7739



19.9799, 20.6445, 43.7865



24.9382, 20.6445, 14.4210

Complementary

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



14.8236, 20.6445, 15.7739



16.5454, 12.6377, 18.3976

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.



26.0853, 20.6445, 21.4748



14.8236, 20.6445, 15.7739



23.0417, 20.6445, 39.6240

Square

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



14.8236, 20.6445, 15.7739



17.1149, 20.6445, 41.1294



25.3580, 20.6445, 30.8554



22.3627, 20.6445, 10.5404

Rectangle

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



14.8236, 20.6445, 15.7739



14.7142, 20.6445, 29.8635



25.3580, 20.6445, 30.8554



25.5151, 20.6445, 16.4237

Sweetspot

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



14.8241, 20.6454, 15.7744



36.7199, 41.9281, 41.6924



17.9067, 22.3356, 11.3502



8.1305, 9.3526, 9.2201



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.



14.8241, 20.6454, 15.7744



24.1526, 35.8125, 24.7004



16.3718, 21.2644, 23.9243



5.0421, 5.6363, 5.7429



8.8709, 16.8809, 5.6107



0.0655, 0.1148, 0.0720

Inverse Universe

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



16.5454, 12.6377, 18.3976



27.6671, 19.4388, 30.0393



15.1905, 12.0958, 11.2631



5.1580, 5.0986, 5.9202



11.2251, 5.6001, 8.9555



0.0816, 0.0400, 0.0966

Previews

White Background



This preview shows how the XYZ color 14.8236, 20.6445, 15.7739 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 14.8236, 20.6445, 15.7739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

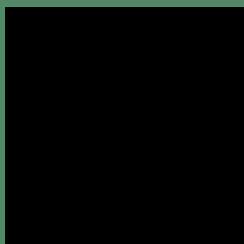
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8236, 20.6445, 15.7739

Background



This preview shows how black text looks on a background with the XYZ color 14.8236, 20.6445, 15.7739.



This preview shows how white text looks on a background with the XYZ color 14.8236, 20.6445,

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

14.8236, 20.6445, 15.7739

Protanopia

19.1178, 20.4983, 14.0153

Deuteranopia

20.8196, 20.4028, 16.4765



Tritanopia

17.4481, 20.6797, 28.6631

Trichromacy



Original Color

14.8236, 20.6445, 15.7739

Protanomaly

16.9943, 20.1598, 14.5508

Deuteranomaly

17.8958, 20.0066, 16.2830

Tritanomaly

16.3804, 20.6572, 23.2026

Monochromacy



Original Color

14.8236, 20.6445, 15.7739

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.8412, 18.5282, 18.0706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8236, 20.6445, 15.7739 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, 137, 102)` looks like.

```
.text, #text, p{  
    color:rgb(82, 137, 102)  
}
```

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, 137, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 137, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.8236, 20.6445, 15.7739 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, 137, 102) }
```


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

```
.border{ border-color:rgb(82, 137, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 137, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 137, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 137, 102);  
box-shadow:4px 4px 4px 4px rgb(82, 137,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8236, 20.6445, 15.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 137, 102) }
```

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

```
.background{ background-color: rgb(82, 137,  
102) }
```

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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