

Converting Colors

XYZ(15.4053, 20.9084, 16.3130)

Have a look what the booklet for
XYZ(15.4053, 20.9084, 16.3130)
contains.

XYZ(15.4689, 20.9655, 16.3282)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.4689, 20.9655,
16.3282)**

Conversions

Conversions Part 1

Format	Color
Hex	588968
RGB	88, 137, 104
RGB Percent	35%, 54%, 41%
CMY	0.6549, 0.4627, 0.5922
CMYK	0.36, 0.00, 0.24, 0.46
HSL	140°, 22%, 44%
HSV	140°, 36%, 54%
XYZ	15.4689, 20.9655, 16.3282
YIQ	118.5870, -18.6110, -20.6510

Conversions

Conversions Part 2

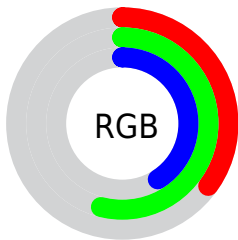
Format	Color
RYB	88, 125, 137
Decimal	5802344
CIELab	52.91, -24.05, 12.56
CIElCh	53, 27.126, 152.426
Yxy	20.9655, 0.2932, 0.3974
Android (android.graphics.Color)	4283992424 (0xFF588968)
YUV	118.5870, -7.1914, -26.8248
Hunter-Lab	45.7881, -19.8253, 10.9086

Details

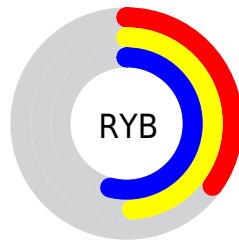
The XYZ color **15.4689, 20.9655, 16.3282** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.2582, 13.6789, 19.8208**, and the grayscale version is **17.4308, 18.3386, 19.9707**.

A 20% lighter version of the original color is **35.3624, 45.2036, 37.8717**, and **4.9834, 7.5431, 5.0642** is the 20% darker color. If you saturate the color by 10%, you get **13.8487, 20.1820, 13.9384**, and if you desaturate by 10%, it is **17.3853, 21.8969, 19.0005**.

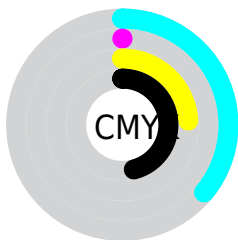
Distribution



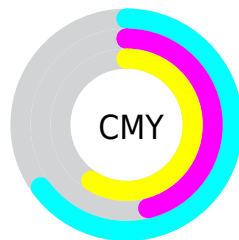
- Red (35%)
- Green (54%)
- Blue (41%)



- Red (35%)
- Yellow (49%)
- Blue (54%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (46%)



- Cyan (65%)
- Magenta (46%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4689, 20.9655, 16.3282 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 15.4689, 20.9655, 16.3282 by changing the saturation by 10% instead.

■ 15.4689, 20.9655,
16.3282

■ 15.4689, 20.9655,
16.3282

219.5196,
257.0951, 243.1821

■ 9.2376, 13.0988,
9.5998

■ 35.2386, 45.0301,
37.9417

■ 4.9548, 7.4966,
5.0323

■ 49.5078, 61.9968,
53.6640

■ 2.2553, 3.7746,
2.2072

■ 67.1869, 82.7656,
73.2213

■ 0.7716, 1.5483,
0.6785

■ 88.6413, 107.7209,
97.0321

■ 0.0000, 0.3223,
0.0000

■ 114.2365,
137.2471, 125.5151

■ 0.0000, 0.0000,
0.0000

144.3377,

171.7286, 159.0887

179.3103,
211.5498, 198.1715

■ 15.4689, 20.9655,
16.3282

■ 15.4689, 20.9655,
16.3282

■ 13.8487, 20.1820,
13.9384

■ 17.3853, 21.8969,
19.0005

■ 12.5076, 19.5362,
11.8205

■ 19.6104, 22.9807,
21.9627

■ 11.4295, 19.0203,
9.9650


■ 22.1580, 24.2245,
25.2238


■ 10.5956, 18.6251,
8.3615


■ 25.0405, 25.6345,
28.7919


■ 9.9848, 18.3397,
6.9990


■ 28.2698, 27.2167,
32.6749


 9.5655, 18.1482,
5.8649

 31.8571, 28.9766,
36.8801

 9.4146, 18.0795,
5.4494

 35.8130, 30.9197,
41.4149

 40.1479, 33.0510,
46.2863

 44.8715, 35.3756,
51.5011

Harmonies

Analogous

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



17.1407, 20.9655, 12.0101



15.4689, 20.9655, 16.3282



14.9550, 20.9655, 23.4961

Triad

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



15.4689, 20.9655, 16.3282



20.1591, 20.9655, 42.2837



24.8997, 20.9655, 15.4284

Complementary

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



15.4689, 20.9655, 16.3282



17.2582, 13.6789, 19.8208

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.



25.8945, 20.9655, 22.1724



15.4689, 20.9655, 16.3282



23.0002, 20.9655, 38.7324

Square

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



15.4689, 20.9655, 16.3282



17.5052, 20.9655, 39.6815



25.1688, 20.9655, 30.8573



22.5626, 20.9655, 11.5840

Rectangle

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



15.4689, 20.9655, 16.3282



15.2945, 20.9655, 29.3273



25.1688, 20.9655, 30.8573



25.4117, 20.9655, 17.3675

Sweetspot

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



15.4695, 20.9664, 16.3287



37.1081, 42.1239, 41.9042



18.6610, 22.6968, 12.6303



8.2079, 9.3919, 9.2508



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.



15.4695, 20.9664, 16.3287



25.2889, 36.3773, 25.7014



16.8682, 21.5259, 23.6945



5.0348, 5.6334, 5.7043



8.7744, 16.8423, 5.1026



0.0645, 0.1144, 0.0665

Inverse Universe

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



17.2582, 13.6789, 19.8208



28.9874, 21.2913, 32.9088



15.9638, 13.1611, 13.0046



5.1656, 5.1017, 5.9603



11.4258, 5.6804, 10.0124



0.0827, 0.0404, 0.1021

Previews

White Background



This preview shows how the XYZ color 15.4689, 20.9655, 16.3282 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 15.4689, 20.9655, 16.3282 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 15.4689, 20.9655, 16.3282

Background



This preview shows how black text looks on a background with the XYZ color 15.4689, 20.9655, 16.3282.



This preview shows how white text looks on a background with the XYZ color 15.4689, 20.9655,

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

15.4689, 20.9655, 16.3282

Protanopia

19.5445, 20.8909, 14.8066

Deuteranopia

20.9928, 20.6656, 16.7923



Tritanopia

17.9576, 20.9423, 28.6870

Trichromacy



Original Color

15.4689, 20.9655, 16.3282

Protanomaly

17.6677, 20.6868, 15.3737

Deuteranomaly

18.5031, 20.5044, 16.6182

Tritanomaly

16.9356, 20.9359, 23.5705

Monochromacy



Original Color

15.4689, 20.9655, 16.3282

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.6825, 19.3248, 18.7704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4689, 20.9655, 16.3282 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(88, 137, 104)` looks like.

```
.text, #text, p{  
    color:rgb(88, 137, 104)  
}
```

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(88, 137, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 137, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.4689, 20.9655, 16.3282 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(88, 137, 104) }
```


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

```
.border{ border-color:rgb(88, 137, 104) }
```

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

Here you see how a box with a 4 pixel rgb(88, 137, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 137, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 137, 104);  
box-shadow:4px 4px 4px 4px rgb(88, 137,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4689, 20.9655, 16.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 137, 104) }
```

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

```
.background{ background-color: rgb(88, 137,  
104) }
```

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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