

Converting Colors

XYZ(15.6598, 21.0948, 8.6607)

Have a look what the booklet for
XYZ(15.6598, 21.0948, 8.6607)
contains.

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Color

**XYZ(15.6732, 21.0289,
8.7018)**

Conversions

Conversions Part 1

Format	Color
Hex	698844
RGB	105, 136, 68
RGB Percent	41%, 53%, 27%
CMY	0.5882, 0.4667, 0.7333
CMYK	0.23, 0.00, 0.50, 0.47
HSL	87°, 33%, 40%
HSV	87°, 50%, 53%
XYZ	15.6732, 21.0289, 8.7018
YIQ	118.9790, 3.3520, -27.7200

Conversions

Conversions Part 2

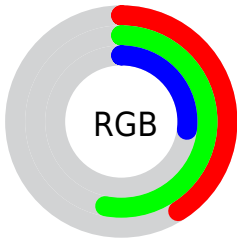
Format	Color
RYB	68, 136, 99
Decimal	6916164
CIELab	52.98, -23.15, 32.78
CIELCh	53, 40.133, 125.224
Yxy	21.0289, 0.3452, 0.4632
Android (android.graphics.Color)	4285106244 (0xFF698844)
YUV	118.9790, -25.1326, -12.2596
Hunter-Lab	45.8573, -19.2421, 20.8493

Details

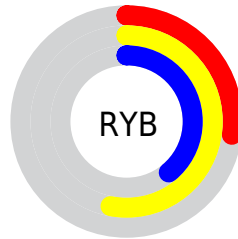
The XYZ color **15.6732, 21.0289, 8.7018** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.6576, 8.5651, 24.3325**, and the grayscale version is **17.6047, 18.5215, 20.1699**.

A 20% lighter version of the original color is **35.5682, 44.9723, 23.9454**, and **5.0387, 7.5219, 1.8958** is the 20% darker color. If you saturate the color by 10%, you get **14.6036, 20.5207, 6.7309**, and if you desaturate by 10%, it is **16.8933, 21.6049, 11.1833**.

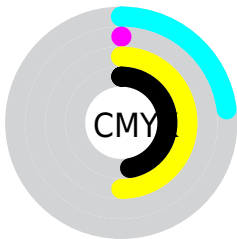
Distribution



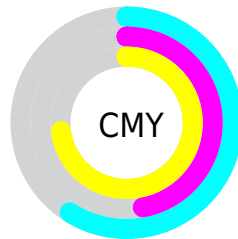
- Red (41%)
- Green (53%)
- Blue (27%)



- Red (27%)
- Yellow (53%)
- Blue (39%)



- Cyan (23%)
- Magenta (0%)
- Yellow (50%)
- Black (47%)



- Cyan (59%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6732, 21.0289, 8.7018 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 15.6732, 21.0289, 8.7018 by changing the saturation by 10% instead.

■ 15.6732, 21.0289,
8.7018

■ 15.6732, 21.0289,
8.7018

220.7140,
257.4320, 191.2729

■ 9.3826, 13.1451,
4.4530

■ 35.5920, 45.1356,
23.8917

■ 5.0507, 7.5286,
1.8770

■ 49.9508, 62.1274,
35.6699

■ 2.3121, 3.7948,
0.4781

■ 67.7298, 82.9239,
50.7950

■ 0.8008, 1.5594,
0.0000

■ 89.2943, 107.9096,
69.6855

■ 0.0000, 0.3300,
0.0000

■ 115.0096,
137.4689, 92.7601

■ 0.0000, 0.0000,
0.0000

145.2411,

171.9861, 120.4371

180.3541,
211.8457, 153.1352

■ 15.6732, 21.0289,
8.7018

■ 15.6732, 21.0289,
8.7018

■ 14.6036, 20.5207,
6.7309

■ 16.8933, 21.6049,
11.1833

■ 13.6750, 20.0742,
5.2337

■ 18.2695, 22.2489,
14.2064

■ 12.8792, 19.6866,
4.1702

■ 19.8091, 22.9646,
17.8010

■ 12.2061, 19.3539,
3.4938

■ 21.5182, 23.7546,
21.9946

■ 11.6283, 19.0649,
3.0670

■ 23.4027, 24.6214,
26.8129

■ 11.6283, 19.0649,
3.0670

■ 25.4682, 25.5673,
32.2799

■ 27.7199, 26.5946,
38.4187

■ 30.1630, 27.7054,
45.2509

■ 32.8022, 28.9016,
52.7973

Harmonies

Analogous

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



19.2594, 21.0289, 6.7020



15.6732, 21.0289, 8.7018



13.5026, 21.0289, 14.4921

Triad

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



15.6732, 21.0289, 8.7018



16.7838, 21.0289, 51.0490



29.1791, 21.0289, 20.8506

Complementary

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



15.6732, 21.0289, 8.7018



11.6576, 8.5651, 24.3325

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.



28.2732, 21.0289, 34.0490



15.6732, 21.0289, 8.7018



20.7334, 21.0289, 54.6054

Square

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



15.6732, 21.0289, 8.7018



14.0780, 21.0289, 39.0369



25.0283, 21.0289, 47.5312



27.3547, 21.0289, 11.9609

Rectangle

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



15.6732, 21.0289, 8.7018



12.9582, 21.0289, 21.0208



25.0283, 21.0289, 47.5312



29.1862, 21.0289, 24.8815

Sweetspot

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



15.6737, 21.0298, 8.7023



36.2777, 41.1025, 34.6892



15.6216, 14.5004, 7.4447



8.2752, 9.4604, 7.7254



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.



15.6737, 21.0298, 8.7023



25.5078, 36.0532, 11.4720



12.4762, 19.3814, 8.5526



5.2148, 5.7335, 5.3842



11.0161, 18.0490, 2.9032



0.0901, 0.1286, 0.0201

Inverse Universe

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



11.6576, 8.5651, 24.3325



17.5865, 11.4481, 42.3312



16.1217, 10.8665, 24.5415



4.9771, 4.9966, 6.3080



6.0972, 2.6573, 22.2372



0.0570, 0.0262, 0.1485

Previews

White Background



This preview shows how the XYZ color 15.6732, 21.0289, 8.7018 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 15.6732, 21.0289, 8.7018 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 15.6732, 21.0289, 8.7018

Background



This preview shows how black text looks on a background with the XYZ color 15.6732, 21.0289, 8.7018.



This preview shows how white text looks on a background with the XYZ color 15.6732, 21.0289,

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

15.6732, 21.0289, 8.7018

Protanopia

19.0625, 20.7923, 8.0096

Deuteranopia

21.2126, 20.7708, 9.0220



Tritanopia

19.3768, 20.9182, 27.0611

Trichromacy



Original Color

15.6732, 21.0289, 8.7018

Protanomaly

17.7184, 20.8706, 8.2488

Deuteranomaly

18.7515, 20.6109, 8.9512

Tritanomaly

17.6525, 20.8044, 18.7080

Monochromacy



Original Color

15.6732, 21.0289, 8.7018

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.5733, 19.1647, 14.8823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6732, 21.0289, 8.7018 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(105, 136, 68)` looks like.

```
.text, #text, p{  
    color:rgb(105, 136, 68)  
}
```

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(105, 136, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 136, 68) }
```

Border

The CSS property to change the border of an element to XYZ 15.6732, 21.0289, 8.7018 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(105, 136, 68) }
```


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

```
.border{ border-color:rgb(105, 136, 68) }
```

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

Here you see how a box with a 4 pixel rgb(105, 136, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 136, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 136, 68);  
box-shadow:4px 4px 4px 4px rgb(105, 136,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6732, 21.0289, 8.7018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 136, 68) }
```

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

```
.background{ background-color: rgb(105,  
136, 68) }
```

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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