

Converting Colors

XYZ(21.6578, 30.6308, 15.0972)

Have a look what the booklet for
XYZ(21.6578, 30.6308, 15.0972)
contains.

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Color

**XYZ(21.6817, 30.6562,
15.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA45D
RGB	110, 164, 93
RGB Percent	43%, 64%, 36%
CMY	0.5686, 0.3568, 0.6353
CMYK	0.33, 0.00, 0.43, 0.36
HSL	106°, 28%, 50%
HSV	106°, 43%, 64%
XYZ	21.6817, 30.6562, 15.1304
YIQ	139.7600, -9.3930, -33.5290

Conversions

Conversions Part 2

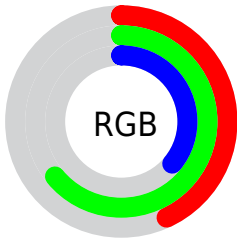
Format	Color
RYB	93, 164, 147
Decimal	7251037
CIELab	62.22, -31.63, 31.26
CIELCh	62, 44.475, 135.336
Yxy	30.6562, 0.3214, 0.4544
Android (android.graphics.Color)	4285441117 (0xFF6EA45D)
YUV	139.7600, -23.0527, -26.0995
Hunter-Lab	55.3680, -26.9948, 22.5555

Details

The XYZ color **21.6817, 30.6562, 15.1304** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.6490, 16.7129, 37.1557**, and the grayscale version is **24.9240, 26.2220, 28.5558**.

A 20% lighter version of the original color is **45.6754, 60.5692, 35.6692**, and **8.0715, 12.7076, 4.5100** is the 20% darker color. If you saturate the color by 10%, you get **19.5877, 29.6528, 11.6388**, and if you desaturate by 10%, it is **24.1515, 31.8372, 19.4541**.

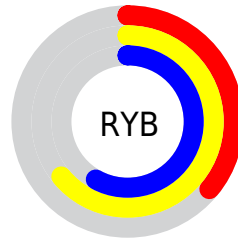
Distribution



Red (43%)

Green (64%)

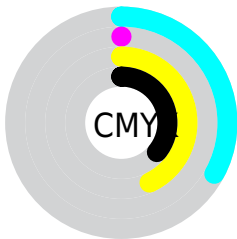
Blue (36%)



Red (36%)

Yellow (64%)

Blue (58%)

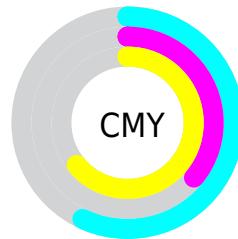


Cyan (33%)

Magenta (0%)

Yellow (43%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6817, 30.6562, 15.1304 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 21.6817, 30.6562, 15.1304 by changing the saturation by 10% instead.

■ 21.6817, 30.6562,
15.1304

■ 21.6817, 30.6562,
15.1304

253.5432,
304.9513, 235.8220

■ 13.7385, 20.3372,
8.7633

■ 45.7021, 60.6984,
35.8273

■ 8.0195, 12.6404,
4.4924

■ 62.5101, 81.1904,
50.9942

■ 4.1593, 7.1814,
1.8992

■ 83.0036, 105.8421,
69.9315

■ 1.7927, 3.5758,
0.4922

■ 107.5482,
135.0380, 93.0576

■ 0.5132, 1.4392,
0.0000

136.5090,
169.1625, 120.7912

■ 0.0000, 0.2454,
0.0000

170.2516,

■ 0.0000, 0.0000,

208.5999, 153.5508

0.0000

209.1412,
253.7347, 191.7549

■ 21.6817, 30.6562,
15.1304

■ 21.6817, 30.6562,
15.1304

■ 19.5877, 29.6528,
11.6388

■ 24.1515, 31.8372,
19.4541

■ 17.8482, 28.8143,
8.9239

■ 27.0126, 33.2000,
24.6565

■ 16.4429, 28.1326,
6.9268


■ 30.2823, 34.7534,
30.7831


■ 15.3484, 27.5971,
5.5792


■ 33.9761, 36.5044,
37.8760

■ 14.5381, 27.1957,
4.7997

■ 38.1088, 38.4599,
45.9742

 14.1229, 26.9886,
4.4650

 42.6944, 40.6263,
55.1150

 47.7463, 43.0097,
65.3335

 53.2773, 45.6160,
76.6633

 59.2996, 48.4508,
89.1365

Harmonies

Analogous

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



26.1932, 30.6562, 10.5860



21.6817, 30.6562, 15.1304



19.3452, 30.6562, 25.6975

Triad

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



21.6817, 30.6562, 15.1304



26.3150, 30.6562, 76.6062



41.7334, 30.6562, 25.3848

Complementary

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



21.6817, 30.6562, 15.1304



22.6490, 16.7129, 37.1557

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.



41.7778, 30.6562, 42.4573



21.6817, 30.6562, 15.1304



32.2952, 30.6562, 76.4321

Square

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



21.6817, 30.6562, 15.1304



21.7602, 30.6562, 62.8083



38.1329, 30.6562, 62.3923



38.0187, 30.6562, 14.9695

Rectangle

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



21.6817, 30.6562, 15.1304



19.0984, 30.6562, 36.5455



38.1329, 30.6562, 62.3923



42.1933, 30.6562, 30.4016

Sweetspot

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



21.6825, 30.6575, 15.1311



54.9955, 63.0949, 55.9319



27.6043, 29.3191, 14.5606



11.7350, 13.6570, 11.6824



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.6825, 30.6575, 15.1311



35.6631, 53.8751, 21.3029



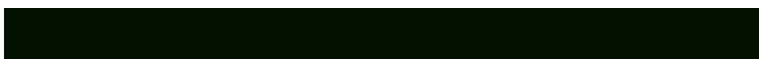
20.6461, 30.0216, 19.6741



7.1370, 7.9731, 7.5429



10.8653, 20.7118, 3.4251



0.2674, 0.4553, 0.0738

Inverse Universe

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



22.6490, 16.7129, 37.1557



37.6191, 25.1613, 66.6262



24.4330, 17.8051, 29.4464



7.1978, 7.1164, 8.8973



11.6369, 5.4055, 27.3598



0.2826, 0.1332, 0.5767

Previews

White Background



This preview shows how the XYZ color 21.6817, 30.6562, 15.1304 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 21.6817, 30.6562, 15.1304 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 ✓ Pass

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

XYZ 21.6817, 30.6562, 15.1304

Background



This preview shows how black text looks on a background with the XYZ color 21.6817, 30.6562, 15.1304.



This preview shows how white text looks on a background with the XYZ color 21.6817, 30.6562,

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

21.6817, 30.6562, 15.1304

Protanopia

27.9776, 30.4098, 13.6276

Deuteranopia

30.8495, 30.2301, 15.7643



Tritanopia

26.9576, 30.4808, 41.5084

Trichromacy



Original Color

21.6817, 30.6562, 15.1304

Protanomaly

25.0684, 30.1102, 14.1635

Deuteranomaly

26.6955, 29.9463, 15.4395

Tritanomaly

24.5058, 30.2284, 29.7424

Monochromacy



Original Color

21.6817, 30.6562, 15.1304

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.3759, 27.5921, 22.8327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6817, 30.6562, 15.1304 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(110, 164, 93)` looks like.

```
.text, #text, p{  
    color:rgb(110, 164, 93)  
}
```

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(110, 164, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 164, 93) }
```

Border

The CSS property to change the border of an element to XYZ 21.6817, 30.6562, 15.1304 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(110, 164, 93) }
```


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

```
.border{ border-color:rgb(110, 164, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 164, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 164, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 164, 93);  
box-shadow:4px 4px 4px 4px rgb(110, 164,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6817, 30.6562, 15.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 164, 93) }
```

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

```
.background{ background-color: rgb(110,  
164, 93) }
```

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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