

Converting Colors

XYZ(16.6337, 22.6778, 18.0514)

Have a look what the booklet for
XYZ(16.6337, 22.6778, 18.0514)
contains.

XYZ(16.5531, 22.5740, 17.9528)	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(16.5531, 22.5740,
17.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	598E6D
RGB	89, 142, 109
RGB Percent	35%, 56%, 43%
CMY	0.6510, 0.4431, 0.5725
CMYK	0.37, 0.00, 0.23, 0.44
HSL	143°, 23%, 45%
HSV	143°, 37%, 56%
XYZ	16.5531, 22.5740, 17.9528
YIQ	122.3910, -20.9950, -21.4990

Conversions

Conversions Part 2

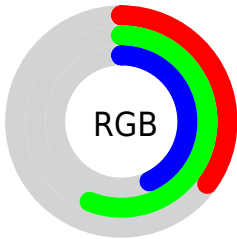
Format	Color
R_{YB}	89, 127, 142
Decimal	5869165
CIE _{Lab}	54.63, -25.22, 12.11
CIE _{LCh}	55, 27.976, 154.356
Yxy	22.5740, 0.2900, 0.3955
Android (android.graphics.Color)	4284059245 (0xFF598E6D)
YUV	122.3910, -6.6018, -29.2839
Hunter-Lab	47.5121, -20.9572, 10.8553

Details

The XYZ color **16.5531, 22.5740, 17.9528** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.2412, 14.3011, 20.2120**, and the grayscale version is **18.6529, 19.6243, 21.3708**.

A 20% lighter version of the original color is **37.1575, 47.7158, 40.9699**, and **5.4201, 8.2504, 5.7217** is the 20% darker color. If you saturate the color by 10%, you get **14.8675, 21.7579, 15.5132**, and if you desaturate by 10%, it is **18.5507, 23.5466, 20.6579**.

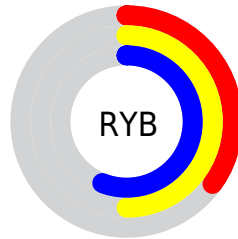
Distribution



Red (35%)

Green (56%)

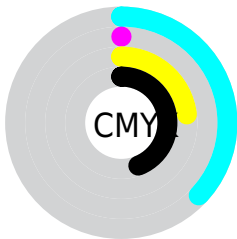
Blue (43%)



Red (35%)

Yellow (50%)

Blue (56%)

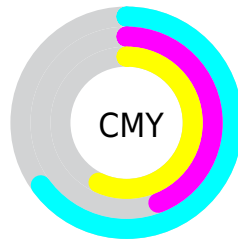


Cyan (37%)

Magenta (0%)

Yellow (23%)

Black (44%)



Cyan (65%)

Magenta (44%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5531, 22.5740, 17.9528 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 16.5531, 22.5740, 17.9528 by changing the saturation by 10% instead.

■ 16.5531, 22.5740,
17.9528

■ 16.5531, 22.5740,
17.9528

225.7905,
265.5294, 252.8320

■ 10.0097, 14.2793,
10.7470

■ 37.1055, 47.6929,
40.7697

■ 5.4677, 8.3152,
5.7850

■ 51.8453, 65.2858,
57.2180

■ 2.5618, 4.2973,
2.6481

■ 70.0478, 86.7470,
77.5841

■ 0.9265, 1.8412,
0.9171

■ 92.0786, 112.4607,
102.2866

■ 0.0000, 0.5127,
0.0000

118.3029,
142.8114, 131.7442

■ 0.0000, 0.0000,
0.0000

149.0860,

178.1835, 166.3752

184.7935,
218.9613, 206.5983

■ 16.5531, 22.5740,
17.9528

■ 16.5531, 22.5740,
17.9528

■ 14.8675, 21.7579,
15.5132

■ 18.5507, 23.5466,
20.6579

■ 13.4755, 21.0872,
13.3296

■ 20.8738, 24.6808,
23.6348

■ 12.3594, 20.5535,
11.3938

■ 23.5373, 25.9845,
26.8915

■ 11.4991, 20.1467,
9.6968

■ 26.5545, 27.4646,
30.4350

■ 10.8710, 19.8548,
8.2290

■ 29.9382, 29.1275,
34.2722

■ 10.4336, 19.6565,
6.9793

■ 33.7003, 30.9793,
38.4099

■ 10.3296, 19.6094,
6.6798

■ 37.8523, 33.0257,
42.8543

■ 42.4053, 35.2722,
47.6118

■ 47.3696, 37.7242,
52.6884

Harmonies

Analogous

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



18.2880, 22.5740, 13.0791



16.5531, 22.5740, 17.9528



16.0819, 22.5740, 25.8886

Triad

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



16.5531, 22.5740, 17.9528



21.9083, 22.5740, 45.6350



26.7188, 22.5740, 16.2052

Complementary

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



16.5531, 22.5740, 17.9528



18.2412, 14.3011, 20.2120

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.



27.9107, 22.5740, 23.3148



16.5531, 22.5740, 17.9528



24.9700, 22.5740, 41.3839

Square

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



16.5531, 22.5740, 17.9528



18.9965, 22.5740, 43.2319



27.2422, 22.5740, 32.6635



24.1189, 22.5740, 12.2522

Rectangle

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



16.5531, 22.5740, 17.9528



16.5059, 22.5740, 32.2483



27.2422, 22.5740, 32.6635



27.3081, 22.5740, 18.2340

Sweetspot

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



16.5537, 22.5749, 17.9533



39.5977, 44.8855, 45.1174



19.5835, 24.2474, 13.0993



8.7215, 9.9652, 9.9274



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.5537, 22.5749, 17.9533



26.5977, 38.5508, 27.9255



18.1620, 23.2182, 26.4224



5.4218, 6.0610, 6.1871



9.2825, 17.6089, 6.0416



0.0988, 0.1724, 0.1110

Inverse Universe

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



18.2412, 14.3011, 20.2120



30.0254, 21.7254, 32.4985



16.8427, 13.7416, 12.8473



5.5411, 5.4770, 6.3476



11.6219, 5.8058, 8.9264



0.1219, 0.0598, 0.1419

Previews

White Background



This preview shows how the XYZ color 16.5531, 22.5740, 17.9528 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 16.5531, 22.5740, 17.9528 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 16.5531, 22.5740, 17.9528

Background



This preview shows how black text looks on a background with the XYZ color 16.5531, 22.5740, 17.9528.



This preview shows how white text looks on a background with the XYZ color 16.5531, 22.5740,

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

16.5531, 22.5740, 17.9528

Protanopia

20.9120, 22.3478, 16.0433

Deuteranopia

22.7087, 22.2490, 18.7204



Tritanopia

19.2207, 22.5708, 31.3605

Trichromacy



Original Color

16.5531, 22.5740, 17.9528

Protanomaly

18.8206, 22.0632, 16.6313

Deuteranomaly

19.7933, 21.9145, 18.5159

Tritanomaly

18.1518, 22.5662, 25.9533

Monochromacy



Original Color

16.5531, 22.5740, 17.9528

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.4916, 20.2999, 19.8260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5531, 22.5740, 17.9528 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(89, 142, 109)` looks like.

```
.text, #text, p{  
    color:rgb(89, 142, 109)  
}
```

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(89, 142, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 142, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.5531, 22.5740, 17.9528 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(89, 142, 109) }
```


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

```
.border{ border-color:rgb(89, 142, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 142, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 142, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 142, 109);  
box-shadow:4px 4px 4px 4px rgb(89, 142,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5531, 22.5740, 17.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 142, 109) }
```

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

```
.background{ background-color: rgb(89, 142,  
109) }
```

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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