

Converting Colors

XYZ(16.5936, 20.3598, 22.5109)

Have a look what the booklet for
XYZ(16.5936, 20.3598, 22.5109)
contains.

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Color

**XYZ(16.5690, 20.3629,
22.4592)**

Conversions

Conversions Part 1

Format	Color
Hex	5E847D
RGB	94, 132, 125
RGB Percent	37%, 52%, 49%
CMY	0.6314, 0.4823, 0.5098
CMYK	0.29, 0.00, 0.05, 0.48
HSL	169°, 17%, 44%
HSV	169°, 29%, 52%
XYZ	16.5690, 20.3629, 22.4592
YIQ	119.8400, -20.4010, -10.2330

Conversions

Conversions Part 2

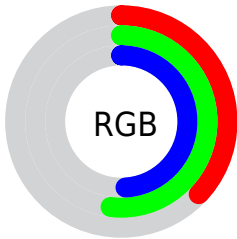
Format	Color
R_{YB}	94, 115, 132
Decimal	6194301
CIE _{Lab}	52.25, -14.85, -0.51
CIE _{LCh}	52, 14.857, 181.953
Yxy	20.3629, 0.2790, 0.3429
Android (android.graphics.Color)	4284384381 (0xFF5E847D)
YUV	119.8400, 2.5439, -22.6617
Hunter-Lab	45.1253, -13.4280, 2.0786

Details

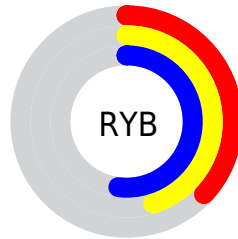
The XYZ color **16.5690, 20.3629, 22.4592** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.8681, 13.8510, 14.1498**, and the grayscale version is **17.7987, 18.7257, 20.3922**.

A 20% lighter version of the original color is **37.0619, 43.9320, 48.6458**, and **5.4485, 7.1372, 7.9279** is the 20% darker color. If you saturate the color by 10%, you get **15.1761, 19.6631, 21.5932**, and if you desaturate by 10%, it is **18.1984, 21.1852, 23.3570**.

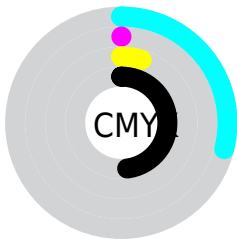
Distribution



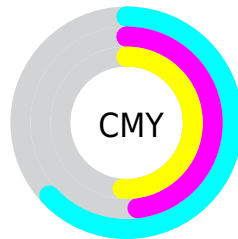
- Red (37%)
- Green (52%)
- Blue (49%)



- Red (37%)
- Yellow (45%)
- Blue (52%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)



- Cyan (63%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5690, 20.3629, 22.4592 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 16.5690, 20.3629, 22.4592 by changing the saturation by 10% instead.

■ 16.5690, 20.3629,
22.4592

■ 16.5690, 20.3629,
22.4592

225.8812,
253.8730, 277.9664

■ 10.0211, 12.6591,
13.9932

■ 37.1328, 44.0248,
48.4157

■ 5.4753, 7.1942,
7.9772

■ 51.8793, 60.7517,
66.7432

■ 2.5663, 3.5839,
3.9928

■ 70.0894, 81.2550,
89.1950

■ 0.9288, 1.4436,
1.6214

■ 92.1285, 105.9193,
116.1895

■ 0.0000, 0.2485,
0.3060

118.3619,
135.1288, 148.1454

■ 0.0000, 0.0000,
0.0000

149.1549,

169.2680, 185.4811

184.8729,
208.7213, 228.6153

■ 16.5690, 20.3629,
22.4592

■ 16.5690, 20.3629,
22.4592

■ 15.1761, 19.6631,
21.5932

■ 18.1984, 21.1852,
23.3570

■ 14.0062, 19.0773,
20.7569

■ 20.0734, 22.1332,
24.2859

■ 13.0470, 18.5997,
19.9501

■ 22.2051, 23.2131,
25.2469

■ 12.2843, 18.2229,
19.1719

■ 24.6030, 24.4297,
26.2407

■ 11.7022, 17.9388,
18.4215

■ 27.2763, 25.7879,
27.2677

■ 11.2822, 17.7379,
17.6978

■ 30.2338, 27.2922,
28.3286

■ 10.9772, 17.5958,
16.9984

■ 33.4838, 28.9467,
29.4239

■ 10.9415, 17.5792,
16.9151

■ 37.0344, 30.7558,
30.5541

■ 40.8931, 32.7232,
31.7196

Harmonies

Analogous

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



16.8799, 20.3629, 18.4527



16.5690, 20.3629, 22.4592



16.9713, 20.3629, 26.9200

Triad

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



16.5690, 20.3629, 22.4592



20.9481, 20.3629, 30.0883



20.7662, 20.3629, 15.5549

Complementary

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



16.5690, 20.3629, 22.4592



15.8681, 13.8510, 14.1498

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.



21.9506, 20.3629, 18.0175



16.5690, 20.3629, 22.4592



22.0595, 20.3629, 26.3597

Square

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



16.5690, 20.3629, 22.4592



19.4544, 20.3629, 31.6690



22.4355, 20.3629, 21.8867



19.2546, 20.3629, 14.7929

Rectangle

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



16.5690, 20.3629, 22.4592



17.6027, 20.3629, 29.4649



22.4355, 20.3629, 21.8867



21.2185, 20.3629, 16.1938

Sweetspot

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



16.5696, 20.3637, 22.4597



35.2127, 38.9125, 42.7090



15.7065, 20.1130, 13.6443



8.0951, 9.0074, 9.8944



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.5696, 20.3637, 22.4597



27.4272, 34.9843, 38.4879



15.5704, 17.6240, 24.4119



4.7658, 5.2646, 5.7779



10.5954, 17.0210, 16.3867



0.0391, 0.0599, 0.0692

Inverse Universe

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



15.8681, 13.8510, 14.1498



25.9693, 21.4283, 21.2025



16.6292, 15.8991, 12.7823



4.7050, 4.7017, 5.0591



9.3781, 4.8156, 1.2973



0.0345, 0.0175, 0.0150

Previews

White Background



This preview shows how the XYZ color 16.5690, 20.3629, 22.4592 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 16.5690, 20.3629, 22.4592 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 16.5690, 20.3629, 22.4592

Background



This preview shows how black text looks on a background with the XYZ color 16.5690, 20.3629, 22.4592.



This preview shows how white text looks on a background with the XYZ color 16.5690, 20.3629,

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

16.5690, 20.3629, 22.4592

Protanopia

19.3502, 20.2834, 20.6645

Deuteranopia

20.5389, 20.1161, 22.8790



Tritanopia

17.6460, 20.4001, 27.8185

Trichromacy



Original Color

16.5690, 20.3629, 22.4592

Protanomaly

18.1725, 20.2287, 21.3591

Deuteranomaly

18.7193, 19.9147, 22.5960

Tritanomaly

17.3133, 20.4687, 25.9600

Monochromacy



Original Color

16.5690, 20.3629, 22.4592

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.2760, 19.2000, 21.2078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5690, 20.3629, 22.4592 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(94, 132, 125) looks like.

```
.text, #text, p{  
    color:rgb(94, 132, 125)  
}
```

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(94, 132, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 132, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.5690, 20.3629, 22.4592 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(94, 132, 125) }
```


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

```
.border{ border-color:rgb(94, 132, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 132, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 132, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 132, 125);  
box-shadow:4px 4px 4px 4px rgb(94, 132,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5690, 20.3629, 22.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 132, 125) }
```

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

```
.background{ background-color: rgb(94, 132,  
125) }
```

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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