

Converting Colors

XYZ(17.1913, 25.7725, 4.0685)

Have a look what the booklet for
XYZ(17.1913, 25.7725, 4.0685)
contains.

XYZ(17.2169, 25.7857, 4.0697)	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(17.2169, 25.7857,
4.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	699900
RGB	105, 153, 0
RGB Percent	41%, 60%, 0%
CMY	0.5882, 0.4000, 1.0000
CMYK	0.31, 0.00, 1.00, 0.40
HSL	79°, 100%, 30%
HSV	79°, 100%, 60%
XYZ	17.2169, 25.7857, 4.0697
YIQ	121.2060, 20.5050, -57.7590

Conversions

Conversions Part 2

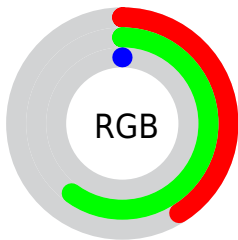
Format	Color
RYB	0, 153, 48
Decimal	6920448
CIELab	57.83, -35.34, 60.43
CIELCh	58, 70.004, 120.320
Yxy	25.7857, 0.3658, 0.5478
Android (android.graphics.Color)	4285110528 (0xFF699900)
YUV	121.2060, -59.7546, -14.2127
Hunter-Lab	50.7796, -28.3437, 30.7940

Details

The XYZ color **17.2169, 25.7857, 4.0697** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.9699, 2.9291, 30.3365**, and the grayscale version is **18.4245, 19.3840, 21.1092**.

A 20% lighter version of the original color is **38.3911, 53.1437, 14.1956**, and **6.0668, 10.1809, 1.6453** is the 20% darker color. If you saturate the color by 10%, you get **17.2170, 25.7866, 4.0699**, and if you desaturate by 10%, it is **17.8858, 26.1212, 4.5629**.

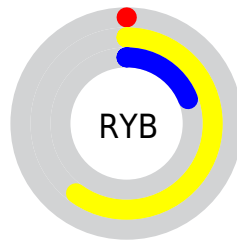
Distribution



Red (41%)

Green (60%)

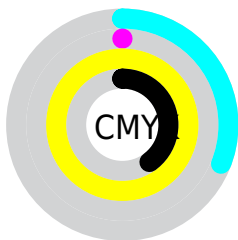
Blue (0%)



Red (0%)

Yellow (60%)

Blue (19%)

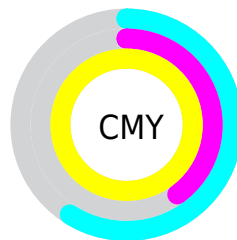


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (59%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2169, 25.7857, 4.0697 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 17.2169, 25.7857, 4.0697 by changing the saturation by 10% instead.

■ 17.2169, 25.7857,
4.0697

■ 17.2169, 25.7857,
4.0697

■ 229.5512,
281.7285, 148.9970

■ 10.4855, 16.6634,
1.6637

■ 38.2390, 52.9290,
14.1702

■ 5.7868, 9.9948,
0.3357

■ 53.2604, 71.7188,
22.7017

■ 2.7553, 5.3955,
0.0000

■ 71.7758, 94.4999,
34.1122

■ 1.0257, 2.4811,
0.0000

■ 94.1506, 121.6567,
48.8201


■ 0.0000, 0.8672,
0.0000


■ 120.7503,
153.5735, 67.2439


■ 0.0000, 0.0000,
0.0000


■ 151.9400,


190.6349, 89.8024


 188.0852,
233.2251, 116.9139


 17.2169, 25.7857,
4.0697


 17.2169, 25.7857,
4.0697


 17.2170, 25.7866,
4.0699

 17.8858, 26.1212,
4.5629

 18.6519, 26.4983,
5.4014

 19.5462, 26.9306,
6.7437

 20.5814, 27.4230,
8.6535

 21.7680, 27.9800,
11.1849

■ 23.1158, 28.6053,
14.3858

■ 24.6333, 29.3026,
18.2992

■ 26.3285, 30.0750,
22.9648

■ 28.2088, 30.9255,
28.4193

Harmonies

Analogous

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



24.4183, 25.7857, 2.5600



17.2169, 25.7857, 4.0697



12.9714, 25.7857, 10.8195

Triad

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



17.2169, 25.7857, 4.0697



17.3409, 25.7857, 90.6069



44.4998, 25.7857, 27.8183

Complementary

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



17.2169, 25.7857, 4.0697



6.9699, 2.9291, 30.3365

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.



41.4163, 25.7857, 57.8231



17.2169, 25.7857, 4.0697



24.5990, 25.7857, 104.5341

Square

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



17.2169, 25.7857, 4.0697



13.0306, 25.7857, 58.5517



33.6135, 25.7857, 90.0429



41.2883, 25.7857, 10.5839

Rectangle

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



17.2169, 25.7857, 4.0697



11.7727, 25.7857, 20.9860



33.6135, 25.7857, 90.0429



44.1584, 25.7857, 36.6068

Sweetspot

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



17.2175, 25.7868, 4.0703



43.9412, 52.3963, 32.3118



14.1111, 8.7196, 0.9397



9.4650, 11.4606, 6.5114



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.2175, 25.7868, 4.0703



30.6337, 46.0763, 7.2791



11.9453, 23.0689, 3.8235



6.5203, 7.1257, 6.6376



14.2642, 21.3294, 3.3652



0.2503, 0.3380, 0.0520

Inverse Universe

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



6.9699, 2.9291, 30.3365



12.3095, 5.1563, 54.3185



13.8337, 6.4675, 30.6577



6.0578, 6.1157, 7.7901



5.7911, 2.4364, 25.0728



0.1211, 0.0542, 0.3765

Previews

White Background



This preview shows how the XYZ color 17.2169, 25.7857, 4.0697 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 17.2169, 25.7857, 4.0697 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 17.2169, 25.7857, 4.0697

Background



This preview shows how black text looks on a background with the XYZ color 17.2169, 25.7857, 4.0697.



This preview shows how white text looks on a background with the XYZ color 17.2169, 25.7857,

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

17.2169, 25.7857, 4.0697

Protanopia

22.9429, 25.5332, 3.7192

Deuteranopia

25.7936, 25.3200, 4.6902



Tritanopia

23.2515, 25.6722, 34.3016

Trichromacy



Original Color

17.2169, 25.7857, 4.0697

Protanomaly

20.2898, 25.2649, 3.8072

Deuteranomaly

21.7362, 24.8985, 4.2325

Tritanomaly

19.5537, 25.0844, 15.3665

Monochromacy



Original Color

17.2169, 25.7857, 4.0697

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.7973, 20.9557, 10.1807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2169, 25.7857, 4.0697 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, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 153, 0)  
}
```

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, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 153, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.2169, 25.7857, 4.0697 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, 153, 0) }
```


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

```
.border{ border-color:rgb(105, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 153,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2169, 25.7857, 4.0697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 153, 0) }
```

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

```
.background{ background-color: rgb(105,  
153, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor