

Converting Colors

XYZ(17.2078, 25.4206, 12.0642)

Have a look what the booklet for
XYZ(17.2078, 25.4206, 12.0642)
contains.

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Color

**XYZ(17.1649, 25.3410,
11.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9852
RGB	92, 152, 82
RGB Percent	36%, 60%, 32%
CMY	0.6392, 0.4039, 0.6784
CMYK	0.39, 0.00, 0.46, 0.40
HSL	111°, 30%, 46%
HSV	111°, 46%, 60%
XYZ	17.1649, 25.3410, 11.9693
YIQ	126.0800, -13.2900, -34.4900

Conversions

Conversions Part 2

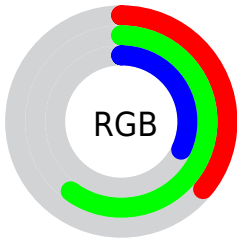
Format	Color
R_{YB}	82, 152, 142
Decimal	6068306
CIE _{Lab}	57.41, -33.78, 30.75
CIE _{LCh}	57, 45.687, 137.688
Yxy	25.3410, 0.3151, 0.4652
Android (android.graphics.Color)	4284258386 (0xFF5C9852)
YUV	126.0800, -21.7314, -29.8882
Hunter-Lab	50.3398, -27.2297, 21.1405

Details

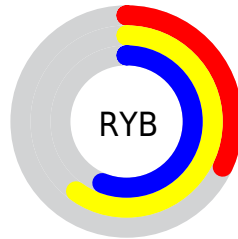
The XYZ color **17.1649, 25.3410, 11.9693** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.8413, 14.0532, 31.3739**, and the grayscale version is **19.9338, 20.9720, 22.8385**.

A 20% lighter version of the original color is **38.2235, 52.3388, 30.2781**, and **5.7356, 9.6868, 3.1576** is the 20% darker color. If you saturate the color by 10%, you get **15.4580, 24.5214, 9.1975**, and if you desaturate by 10%, it is **19.2251, 26.3294, 15.4276**.

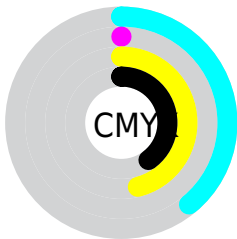
Distribution



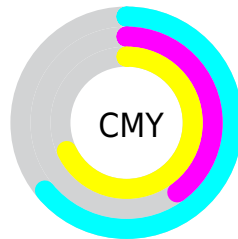
- Red (36%)
- Green (60%)
- Blue (32%)



- Red (32%)
- Yellow (60%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (46%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1649, 25.3410, 11.9693 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 17.1649, 25.3410, 11.9693 by changing the saturation by 10% instead.

■ 17.1649, 25.3410,
11.9693

■ 17.1649, 25.3410,
11.9693

229.2586,
279.5319, 215.1726

■ 10.4482, 16.3313,
6.6005

■ 38.1504, 52.2099,
30.1027

■ 5.7616, 9.7589,
3.1389

■ 53.1499, 70.8379,
43.7045

■ 2.7400, 5.2394,
1.1660

■ 71.6411, 93.4407,
60.8875

■ 1.0178, 2.3884,
0.0000

■ 93.9892, 120.4028,
82.0706

■ 0.0000, 0.8199,
0.0000

■ 120.5596,
152.1086, 107.6720

■ 0.0000, 0.0000,
0.0000

151.7178,

188.9425, 138.1105

187.8290,
231.2888, 173.8045

■ 17.1649, 25.3410,
11.9693

■ 17.1649, 25.3410,
11.9693

■ 15.4580, 24.5214,
9.1975

■ 19.2251, 26.3294,
15.4276

■ 14.0825, 23.8581,
7.0648

■ 21.6551, 27.4920,
19.6122

■ 13.0170, 23.3419,
5.5207


■ 24.4727, 28.8379,
24.5618


■ 12.2365, 22.9612,
4.5063


■ 27.6939, 30.3746,
30.3118


■ 11.7098, 22.7017,
3.9370


■ 31.3339, 32.1091,
36.8956

 11.5533, 22.6248,
3.7581

 35.4069, 34.0482,
44.3446

 39.9267, 36.1982,
52.6884

 44.9064, 38.5654,
61.9555

 50.3583, 41.1554,
72.1729

Harmonies

Analogous

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



21.0528, 25.3410, 7.7922



17.1649, 25.3410, 11.9693



15.2627, 25.3410, 21.6983

Triad

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



17.1649, 25.3410, 11.9693



21.9289, 25.3410, 68.2920



35.4563, 25.3410, 19.4726

Complementary

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



17.1649, 25.3410, 11.9693



19.8413, 14.0532, 31.3739

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.



35.7850, 25.3410, 34.4667



17.1649, 25.3410, 11.9693



27.3970, 25.3410, 66.9733

Square

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



17.1649, 25.3410, 11.9693



17.7229, 25.3410, 56.1120



32.6545, 25.3410, 52.9906



31.8141, 25.3410, 10.8692

Rectangle

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



17.1649, 25.3410, 11.9693



15.1551, 25.3410, 31.7856



32.6545, 25.3410, 52.9906



35.9757, 25.3410, 23.7845

Sweetspot

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



17.1655, 25.3421, 11.9699



44.1540, 51.3573, 45.0535



24.0718, 26.4834, 11.8262



9.7909, 11.5560, 9.8060



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.



17.1655, 25.3421, 11.9699



27.2790, 43.2785, 16.2262



17.3363, 25.3025, 17.7432



6.2102, 6.9658, 6.6231



9.7038, 18.9784, 3.1518



0.1635, 0.2933, 0.0480

Inverse Universe

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



19.8413, 14.0532, 31.3739



32.5613, 20.8544, 54.7428



19.8306, 14.2561, 21.9574



6.3745, 6.2789, 7.8050



12.5280, 5.9095, 25.3880



0.2081, 0.0991, 0.3805

Previews

White Background



This preview shows how the XYZ color 17.1649, 25.3410, 11.9693 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 17.1649, 25.3410, 11.9693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

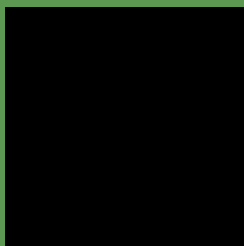
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1649, 25.3410, 11.9693

Background



This preview shows how black text looks on a background with the XYZ color 17.1649, 25.3410, 11.9693.



This preview shows how white text looks on a background with the XYZ color 17.1649, 25.3410,

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

17.1649, 25.3410, 11.9693

Protanopia

23.0477, 25.0065, 10.6332

Deuteranopia

25.3536, 24.9201, 12.4906



Tritanopia

21.8335, 25.3772, 34.7579

Trichromacy



Original Color

17.1649, 25.3410, 11.9693

Protanomaly

20.2902, 24.6563, 11.0869

Deuteranomaly

21.3535, 24.5244, 12.2026

Tritanomaly

19.6968, 25.1927, 24.2466

Monochromacy



Original Color

17.1649, 25.3410, 11.9693

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.4179, 22.0311, 18.0336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1649, 25.3410, 11.9693 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(92, 152, 82)` looks like.

```
.text, #text, p{  
    color:rgb(92, 152, 82)  
}
```

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(92, 152, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 152, 82) }
```

Border

The CSS property to change the border of an element to XYZ 17.1649, 25.3410, 11.9693 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(92, 152, 82) }
```


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

```
.border{ border-color:rgb(92, 152, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 152, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 152, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 152, 82);  
box-shadow:4px 4px 4px 4px rgb(92, 152,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1649, 25.3410, 11.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 152, 82) }
```

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

```
.background{ background-color: rgb(92, 152,  
82) }
```

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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