

Converting Colors

XYZ(17.5729, 29.5411, 6.2147)

Have a look what the booklet for
XYZ(17.5729, 29.5411, 6.2147)
contains.

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Color

**XYZ(17.5729, 29.5411,
6.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	52A721
RGB	82, 167, 33
RGB Percent	32%, 65%, 13%
CMY	0.6784, 0.3451, 0.8706
CMYK	0.51, 0.00, 0.80, 0.35
HSL	98°, 67%, 39%
HSV	98°, 80%, 65%
XYZ	17.5729, 29.5411, 6.2147
YIQ	126.3090, -7.6460, -59.6940

Conversions

Conversions Part 2

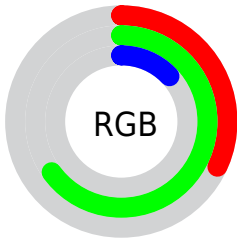
Format	Color
R_{YB}	33, 167, 118
Decimal	5416737
CIE _{Lab}	61.26, -48.16, 56.20
CIE _{LCh}	61, 74.008, 130.596
Yxy	29.5411, 0.3295, 0.5539
Android (android.graphics.Color)	4283606817 (0xFF52A721)
YUV	126.3090, -46.0013, -38.8590
Hunter-Lab	54.3517, -37.4032, 31.2669

Details

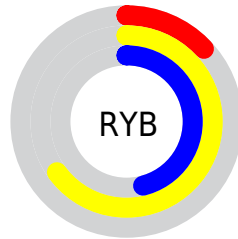
The XYZ color **17.5729, 29.5411, 6.2147** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **14.9921, 7.7305, 37.2629**, and the grayscale version is **20.0911, 21.1374, 23.0187**.

A 20% lighter version of the original color is **38.8383, 58.9856, 18.7896**, and **6.1425, 12.0992, 2.0116** is the 20% darker color. If you saturate the color by 10%, you get **16.5435, 29.0320, 5.2341**, and if you desaturate by 10%, it is **18.8620, 30.1725, 7.8143**.

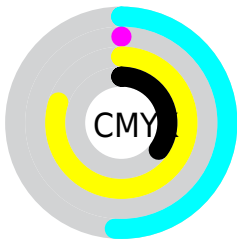
Distribution



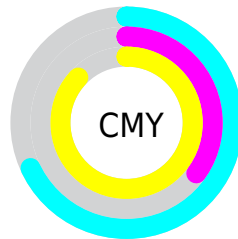
- Red (32%)
- Green (65%)
- Blue (13%)



- Red (13%)
- Yellow (65%)
- Blue (46%)



- Cyan (51%)
- Magenta (0%)
- Yellow (80%)
- Black (35%)





- Cyan (68%)
- Magenta (35%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.5729, 29.5411, 6.2147 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 17.5729, 29.5411, 6.2147 by changing the saturation by 10% instead.


 17.5729, 29.5411,
6.2147


 17.5729, 29.5411,
6.2147


231.5450,
299.7595, 170.3444


 10.7416, 19.4905,
2.9052


 38.8440, 58.9357,
18.8602


 5.9594, 12.0253,
1.0464


 54.0146, 79.0485,
29.0333

 2.8608, 6.7609,
0.0000


 72.6956, 103.2842,
42.3313

 1.0806, 3.3130,
0.0000

 95.2524, 132.0272,
59.1728

 0.0088, 1.2972,
0.0000

 122.0504,
165.6618, 79.9763

 0.0000, 0.1391,
0.0000

 153.4549,

 0.0000, 0.0000,

204.5724, 105.1604

0.0000

189.8313,
249.1436, 135.1436

■ 17.5729, 29.5411,
6.2147

■ 17.5729, 29.5411,
6.2147

■ 16.5435, 29.0320,
5.2341

■ 18.8620, 30.1725,
7.8143

■ 15.7476, 28.6327,
4.6967

■ 20.4299, 30.9316,
10.1111

■ 22.2960, 31.8277,
13.1737

■ 24.4770, 32.8683,
17.0621

■ 26.9884, 34.0600,
21.8303

■ 29.8443, 35.4091,
27.5277

■ 33.0582, 36.9216,
34.2000

■ 36.6426, 38.6030,
41.8900

■ 40.6097, 40.4585,
50.6379

Harmonies

Analogous

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



24.7744, 29.5411, 3.0071



17.5729, 29.5411, 6.2147



13.8634, 29.5411, 17.4386

Triad

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



17.5729, 29.5411, 6.2147



22.3063, 29.5411, 113.8645



50.7920, 29.5411, 23.2796

Complementary

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



17.5729, 29.5411, 6.2147



14.9921, 7.7305, 37.2629

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.



49.6951, 29.5411, 53.4680



17.5729, 29.5411, 6.2147



31.6628, 29.5411, 118.8869

Square

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



17.5729, 29.5411, 6.2147



16.1269, 29.5411, 81.1869



42.1064, 29.5411, 92.4664



44.8266, 29.5411, 8.3709

Rectangle

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



17.5729, 29.5411, 6.2147



13.2103, 29.5411, 32.7259



42.1064, 29.5411, 92.4664



51.2658, 29.5411, 31.6110

Sweetspot

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



17.5736, 29.5424, 6.2154



51.2227, 62.3632, 44.8062



22.6750, 21.2523, 4.3463



11.0739, 13.7720, 9.2544



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.5736, 29.5424, 6.2154



28.5196, 51.4355, 8.6739



15.0415, 28.2000, 7.7677



7.6861, 8.5363, 8.0318



12.0996, 21.9348, 3.5961



0.3506, 0.5627, 0.0901

Inverse Universe

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



14.9921, 7.7305, 37.2629



23.5145, 10.8188, 66.3242



21.9169, 11.4783, 29.5516



7.5720, 7.5275, 9.4722



9.9354, 4.5053, 28.3215



0.2950, 0.1371, 0.6916

Previews

White Background



This preview shows how the XYZ color 17.5729, 29.5411, 6.2147 looks on a white background.

Color Contrast Check

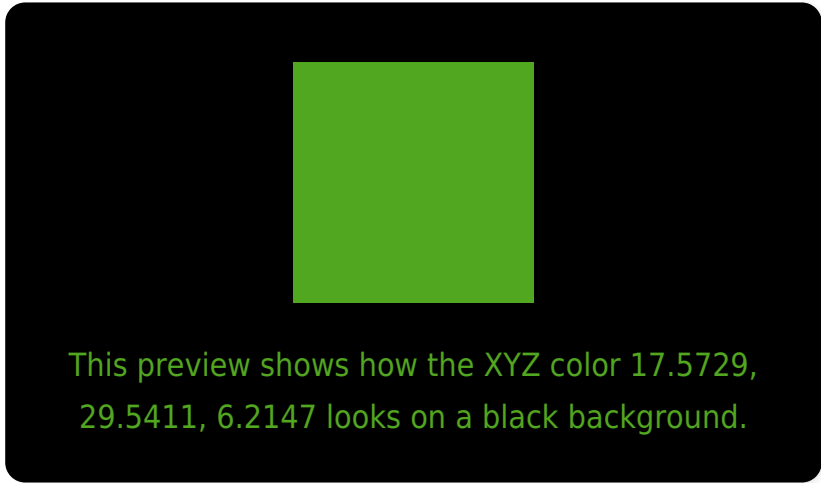
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 17.5729, 29.5411, 6.2147

Background



This preview shows how black text looks on a background with the XYZ color 17.5729, 29.5411, 6.2147.



This preview shows how white text looks on a background with the XYZ color 17.5729, 29.5411,

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

17.5729, 29.5411, 6.2147

Protanopia

26.1604, 28.9506, 5.3078

Deuteranopia

29.6384, 29.1438, 6.6480



Tritanopia

24.6653, 29.5471, 41.4490

Trichromacy



Original Color

17.5729, 29.5411, 6.2147

Protanomaly

21.7816, 28.3558, 5.5535

Deuteranomaly

23.3392, 28.1758, 6.3062

Tritanomaly

20.7244, 28.9603, 21.9504

Monochromacy



Original Color

17.5729, 29.5411, 6.2147

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

17.8871, 23.1375, 13.6484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5729, 29.5411, 6.2147 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(82, 167, 33)` looks like.

```
.text, #text, p{  
    color:rgb(82, 167, 33)  
}
```

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(82, 167, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 167, 33) }
```

Border

The CSS property to change the border of an element to XYZ 17.5729, 29.5411, 6.2147 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(82, 167, 33) }
```


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

```
.border{ border-color:rgb(82, 167, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 167, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 167, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 167, 33);  
box-shadow:4px 4px 4px 4px rgb(82, 167,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5729, 29.5411, 6.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 167, 33) }
```

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

```
.background{ background-color: rgb(82, 167,  
33) }
```

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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