

Converting Colors

XYZ(10.6613, 18.0651, 6.5720)

Have a look what the booklet for
XYZ(10.6613, 18.0651, 6.5720)
contains.

XYZ(10.6829, 18.0829, 6.5417)	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(10.6829, 18.0829,
6.5417)**

Conversions

Conversions Part 1

Format	Color
Hex	358637
RGB	53, 134, 55
RGB Percent	21%, 53%, 22%
CMY	0.7922, 0.4745, 0.7843
CMYK	0.60, 0.00, 0.59, 0.47
HSL	121°, 43%, 37%
HSV	121°, 60%, 53%
XYZ	10.6829, 18.0829, 6.5417
YIQ	100.7750, -22.9170, -41.7410

Conversions

Conversions Part 2

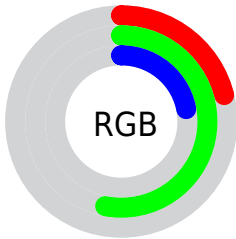
Format	Color
R_{YB}	53, 132, 134
Decimal	3507767
CIE _{Lab}	49.60, -41.45, 34.77
CIE _{LCh}	50, 54.096, 140.010
Yxy	18.0829, 0.3026, 0.5122
Android (android.graphics.Color)	4281697847 (0xFF358637)
YUV	100.7750, -22.5671, -41.8987
Hunter-Lab	42.5240, -29.5741, 20.6459

Details

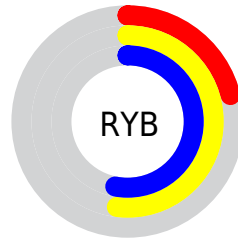
The XYZ color **10.6829, 18.0829, 6.5417** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **15.2700, 9.2808, 22.8170**, and the grayscale version is **12.3726, 13.0169, 14.1754**.

A 20% lighter version of the original color is **26.6663, 40.1541, 19.4418**, and **3.1152, 6.1953, 1.1465** is the 20% darker color. If you saturate the color by 10%, you get **9.8018, 17.6607, 5.0764**, and if you desaturate by 10%, it is **11.8449, 18.6414, 8.4541**.

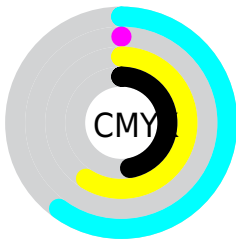
Distribution



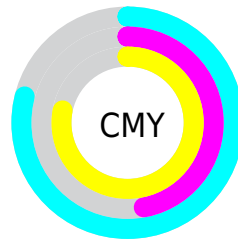
- Red (21%)
- Green (53%)
- Blue (22%)



- Red (21%)
- Yellow (52%)
- Blue (53%)



- Cyan (60%)
- Magenta (0%)
- Yellow (59%)
- Black (47%)



- Cyan (79%)
- Magenta (47%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6829, 18.0829, 6.5417 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 10.6829, 18.0829, 6.5417 by changing the saturation by 10% instead.

■ 10.6829, 18.0829,
6.5417

■ 10.6829, 18.0829,
6.5417

189.4325,
241.3379, 173.2832

■ 5.9197, 11.0095,
3.1031

■ 26.7105, 40.1785,
19.5420

■ 2.8365, 6.0732,
1.1475

■ 38.7056, 55.9696,
29.9409

■ 1.0679, 2.8897,
0.0000

■ 53.8421, 75.4353,
43.4969

■ 0.0000, 1.0744,
0.0000

■ 72.4853, 98.9601,
60.6286

■ 0.0000, 0.0000,
0.0000

■ 95.0006, 126.9284,
81.7545

■ 121.7533,

159.7245, 107.2932

153.1088,
197.7329, 137.6632

■ 10.6829, 18.0829,
6.5417

■ 10.6829, 18.0829,
6.5417

■ 9.8018, 17.6607,
5.0764

■ 11.8449, 18.6414,
8.4541

■ 9.1767, 17.3612,
4.0210

■ 13.3075, 19.3439,
10.8446

■ 8.7805, 17.1717,
3.3339

■ 15.0899, 20.2005,
13.7429

■ 8.5436, 17.0581,
2.9373

■ 17.2097, 21.2195,
17.1757

■ 19.6829, 22.4087,
21.1682

■ 22.5246, 23.7753,
25.7437

■ 25.7490, 25.3262,
30.9244

■ 29.3697, 27.0680,
36.7311

■ 33.3994, 29.0067,
43.1838

Harmonies

Analogous

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



14.0278, 18.0829, 3.2858



10.6829, 18.0829, 6.5417



9.1874, 18.0829, 15.1833

Triad

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



10.6829, 18.0829, 6.5417



15.5320, 18.0829, 62.6785



28.2231, 18.0829, 11.5177

Complementary

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



10.6829, 18.0829, 6.5417



15.2700, 9.2808, 22.8170

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.



28.8483, 18.0829, 25.0086



10.6829, 18.0829, 6.5417



20.7887, 18.0829, 59.9554

Square

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



10.6829, 18.0829, 6.5417



11.5950, 18.0829, 50.2364



25.9074, 18.0829, 43.9993



24.3386, 18.0829, 5.0067

Rectangle

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



10.6829, 18.0829, 6.5417



9.1878, 18.0829, 25.0194



25.9074, 18.0829, 43.9993



28.8475, 18.0829, 15.1755

Sweetspot

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



10.6833, 18.0837, 6.5421



31.1628, 37.7901, 31.6221



18.7862, 22.2662, 6.6760



6.7882, 8.4020, 6.7484



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.



10.6833, 18.0837, 6.5421



16.7588, 30.8706, 8.0867



12.0525, 18.6313, 13.7522



4.6206, 5.2065, 5.0134



8.0069, 15.9856, 2.7558



0.0280, 0.0555, 0.0110

Inverse Universe

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



15.2700, 9.2808, 22.8170



25.6130, 13.8611, 39.4914



13.0435, 8.3902, 11.0920



4.8531, 4.7609, 5.8385



13.0338, 6.2779, 20.5480



0.0455, 0.0219, 0.0732

Previews

White Background



This preview shows how the XYZ color 10.6829, 18.0829, 6.5417 looks on a white 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

Black Background



This preview shows how the XYZ color 10.6829, 18.0829, 6.5417 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 10.6829, 18.0829, 6.5417

Background



This preview shows how black text looks on a background with the XYZ color 10.6829, 18.0829, 6.5417.



This preview shows how white text looks on a background with the XYZ color 10.6829, 18.0829,

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

10.6829, 18.0829, 6.5417

Protanopia

16.1429, 17.6987, 5.5830

Deuteranopia

18.1381, 17.8546, 6.9052



Tritanopia

14.6524, 18.1157, 26.0170

Trichromacy



Original Color

10.6829, 18.0829, 6.5417

Protanomaly

13.1823, 17.2386, 5.8814

Deuteranomaly

14.0614, 17.1282, 6.7026

Tritanomaly

12.7509, 17.9203, 16.6968

Monochromacy



Original Color

10.6829, 18.0829, 6.5417

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.1615, 14.3352, 10.5662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6829, 18.0829, 6.5417 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(53, 134, 55)` looks like.

```
.text, #text, p{  
    color:rgb(53, 134, 55)  
}
```

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(53, 134, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 134, 55) }
```

Border

The CSS property to change the border of an element to XYZ 10.6829, 18.0829, 6.5417 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(53, 134, 55) }
```


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

```
.border{ border-color:rgb(53, 134, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 134, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 134, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 134, 55);  
box-shadow:4px 4px 4px 4px rgb(53, 134,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6829, 18.0829, 6.5417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 134, 55) }
```

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

```
.background{ background-color: rgb(53, 134,  
55) }
```

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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