

Converting Colors

XYZ(27.5203, 37.2141, 6.6532)

Have a look what the booklet for
XYZ(27.5203, 37.2141, 6.6532)
contains.

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Color

**XYZ(27.5549, 37.2318,
6.6539)**

Conversions

Conversions Part 1

Format	Color
Hex	92B019
RGB	146, 176, 25
RGB Percent	57%, 69%, 10%
CMY	0.4275, 0.3098, 0.9019
CMYK	0.17, 0.00, 0.86, 0.31
HSL	72°, 75%, 39%
HSV	72°, 86%, 69%
XYZ	27.5549, 37.2318, 6.6539
YIQ	149.8160, 30.5910, -53.3210

Conversions

Conversions Part 2

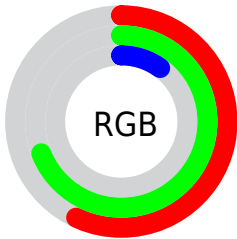
Format	Color
RYB	25, 176, 55
Decimal	9613337
CIELab	67.45, -28.78, 65.10
CIElCh	67, 71.181, 113.849
Yxy	37.2318, 0.3857, 0.5212
Android (android.graphics.Color)	4287803417 (0xFF92B019)
YUV	149.8160, -61.5343, -3.3466
Hunter-Lab	61.0179, -26.1729, 36.2470

Details

The XYZ color **27.5549, 37.2318, 6.6539** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **9.7610, 4.6430, 41.4581**, and the grayscale version is **29.1562, 30.6746, 33.4046**.

A 20% lighter version of the original color is **55.2055, 71.0979, 19.8304**, and **11.3973, 16.3901, 2.5629** is the 20% darker color. If you saturate the color by 10%, you get **26.8085, 36.8638, 5.9152**, and if you desaturate by 10%, it is **28.4404, 37.6603, 8.0184**.

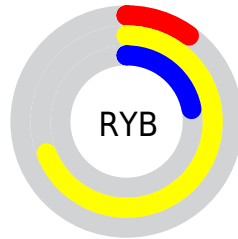
Distribution



Red (57%)

Green (69%)

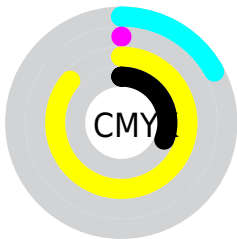
Blue (10%)



Red (10%)

Yellow (69%)

Blue (22%)

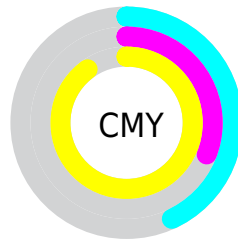


Cyan (17%)

Magenta (0%)

Yellow (86%)

Black (31%)



Cyan (43%)


Magenta (31%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5549, 37.2318, 6.6539 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 27.5549, 37.2318, 6.6539 by changing the saturation by 10% instead.


 27.5549, 37.2318,
6.6539


 27.5549, 37.2318,
6.6539


282.4527,
334.3130, 174.2764


 18.1291, 25.3870,
3.1715


 55.1867, 70.9292,
19.7744

 11.1430, 16.3656,
1.1828


 74.1234, 93.5505,
30.2495


 6.2311, 9.7833,
0.0000


 96.9611, 120.5328,
43.8925

 3.0281, 5.2555,
0.0000

 124.0652,
152.2605, 61.1221

 1.1686, 2.3979,
0.0000

 155.8011,
189.1180, 82.3568

 0.0814, 0.8248,
0.0000

 192.5341,

 0.0000, 0.0000,

231.4897, 108.0150

0.0000

234.6295,
279.7599, 138.5154

■ 27.5549, 37.2318,
6.6539

■ 27.5549, 37.2318,
6.6539

■ 26.8085, 36.8638,
5.9152

■ 28.4404, 37.6603,
8.0184

■ 26.5158, 36.7176,
5.6897

■ 29.4832, 38.1525,
10.1144

■ 30.7002, 38.7167,
13.0272

■ 32.1055, 39.3585,
16.8295

■ 33.7116, 40.0828,
21.5862

■ 35.5296, 40.8942,
27.3559

■ 37.5701, 41.7969,
34.1927

■ 39.8428, 42.7948,
42.1467

■ 42.3566, 43.8916,
51.2651

Harmonies

Analogous

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



37.6868, 37.2318, 5.3185



27.5549, 37.2318, 6.6539



20.9903, 37.2318, 14.3967

Triad

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



27.5549, 37.2318, 6.6539



24.3850, 37.2318, 111.1132



60.6544, 37.2318, 47.3336

Complementary

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



27.5549, 37.2318, 6.6539



9.7610, 4.6430, 41.4581

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.



55.2063, 37.2318, 87.3984



27.5549, 37.2318, 6.6539



33.1841, 37.2318, 134.6078

Square

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



27.5549, 37.2318, 6.6539



19.4409, 37.2318, 70.0568



44.5798, 37.2318, 124.2235



58.2898, 37.2318, 20.7537

Rectangle

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



27.5549, 37.2318, 6.6539



18.8010, 37.2318, 26.0002



44.5798, 37.2318, 124.2235



59.6457, 37.2318, 59.6844

Sweetspot

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



27.5558, 37.2335, 6.6547



64.2043, 74.0620, 48.8574



19.3401, 11.8190, 2.1822



13.6657, 15.9398, 9.7875



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.5558, 37.2335, 6.6547



47.9001, 66.4932, 10.3099



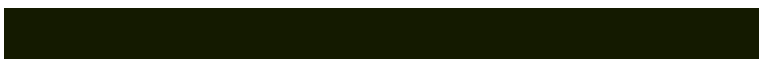
18.4361, 32.5321, 6.2279



9.0283, 9.8197, 9.0721



19.5021, 26.9638, 4.1767



0.6558, 0.8701, 0.1334

Inverse Universe

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



9.7610, 4.6430, 41.4581



15.3217, 6.2568, 74.8954



17.1153, 8.4343, 41.8023



8.1945, 8.3088, 10.6782



6.2970, 2.5820, 30.3035



0.2443, 0.1051, 0.9556

Previews

White Background



This preview shows how the XYZ color 27.5549, 37.2318, 6.6539 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.5549, 37.2318, 6.6539 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 ✓ Pass

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

XYZ 27.5549, 37.2318, 6.6539

Background



This preview shows how black text looks on a background with the XYZ color 27.5549, 37.2318, 6.6539.



This preview shows how white text looks on a background with the XYZ color 27.5549, 37.2318,

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

27.5549, 37.2318, 6.6539

Protanopia

33.4184, 36.9193, 6.0743

Deuteranopia

37.5412, 36.7110, 7.0268



Tritanopia

35.7085, 37.1988, 46.8930

Trichromacy



Original Color

27.5549, 37.2318, 6.6539

Protanomaly

30.9420, 36.7211, 6.2161

Deuteranomaly

33.1531, 36.5002, 6.8113

Tritanomaly

31.0331, 36.3790, 23.7986

Monochromacy



Original Color

27.5549, 37.2318, 6.6539

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.3424, 32.2058, 18.1398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5549, 37.2318, 6.6539 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(146, 176, 25)` looks like.

```
.text, #text, p{  
    color:rgb(146, 176, 25)  
}
```

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(146, 176, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 176, 25) }
```

Border

The CSS property to change the border of an element to XYZ 27.5549, 37.2318, 6.6539 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(146, 176, 25) }
```


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

```
.border{ border-color:rgb(146, 176, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 176, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 176, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 176, 25);  
box-shadow:4px 4px 4px 4px rgb(146, 176,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5549, 37.2318, 6.6539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 176, 25) }
```

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

```
.background{ background-color: rgb(146,  
176, 25) }
```

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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