

Converting Colors

XYZ(25.3213, 42.5410, 10.9048)

Have a look what the booklet for
XYZ(25.3213, 42.5410, 10.9048)
contains.

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Color

**XYZ(25.3461, 42.6177,
10.8931)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC53A
RGB	94, 197, 58
RGB Percent	37%, 77%, 23%
CMY	0.6314, 0.2274, 0.7725
CMYK	0.52, 0.00, 0.71, 0.23
HSL	104°, 55%, 50%
HSV	104°, 71%, 77%
XYZ	25.3461, 42.6177, 10.8931
YIQ	150.3570, -16.7690, -65.0650

Conversions

Conversions Part 2

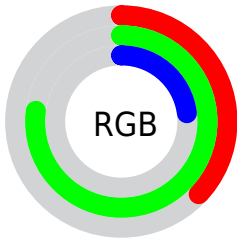
Format	Color
RYB	58, 197, 161
Decimal	6210874
CIELab	71.29, -54.44, 57.66
CIELCh	71, 79.301, 133.353
Yxy	42.6177, 0.3214, 0.5404
Android (android.graphics.Color)	4284400954 (0xFF5EC53A)
YUV	150.3570, -45.5320, -49.4251
Hunter-Lab	65.2822, -44.9405, 35.8043

Details

The XYZ color **25.3461, 42.6177, 10.8931** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **26.2913, 14.6359, 54.2650**, and the grayscale version is **29.3350, 30.8628, 33.6095**.

A 20% lighter version of the original color is **51.5593, 78.8482, 28.1245**, and **10.0264, 19.5282, 3.2409** is the 20% darker color. If you saturate the color by 10%, you get **23.5799, 41.7557, 8.6764**, and if you desaturate by 10%, it is **27.5892, 43.7059, 14.1344**.

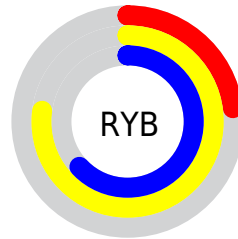
Distribution



Red (37%)

Green (77%)

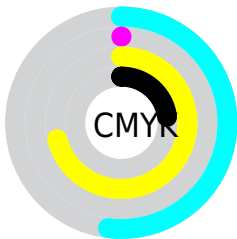
Blue (23%)



Red (23%)

Yellow (77%)

Blue (63%)

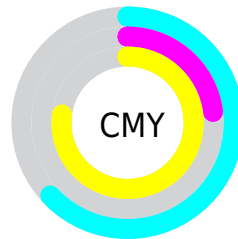


Cyan (52%)

Magenta (0%)

Yellow (71%)

Black (23%)



Cyan (63%)


Magenta (23%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3461, 42.6177, 10.8931 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 25.3461, 42.6177, 10.8931 by changing the saturation by 10% instead.


 25.3461, 42.6177,
10.8931


 25.3461, 42.6177,
10.8931


271.8731,
357.0372, 207.6437


 16.4652, 29.5853,
5.8817


 51.6570, 79.1336,
28.0959


 9.9469, 19.5240,
2.7057


 69.8177, 103.3859,
41.1245


 5.4257, 12.0495,
0.9463


 91.8024, 132.1470,
57.6625

 2.5365, 6.7774,
0.0000

 117.9765,
165.8012, 78.1286

 0.9137, 3.3233,
0.0000

 148.7052,
204.7329, 102.9412

 0.0000, 1.3028,
0.0000

184.3540,

 0.0000, 0.1433,

249.3265, 132.5189

0.0000

225.2882,
299.9665, 167.2802

■ 0.0000, 0.0000,
0.0000

■ 25.3461, 42.6177,
10.8931

■ 25.3461, 42.6177,
10.8931

■ 23.5799, 41.7557,
8.6764

■ 27.5892, 43.7059,
14.1344

■ 22.2483, 41.0971,
7.3584

■ 30.3405, 45.0305,
18.5012

■ 21.3332, 40.6385,
6.7196

■ 33.6318, 46.6070,
24.0857

■ 37.4916, 48.4484,
30.9695

■ 41.9459, 50.5666,
39.2273

■ 47.0194, 52.9726,
48.9282

■ 52.7351, 55.6770,
60.1365

■ 59.1149, 58.6897,
72.9126

■ 66.1797, 62.0203,
87.3138

Harmonies

Analogous

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



34.8752, 42.6177, 5.3714



25.3461, 42.6177, 10.8931



20.5904, 42.6177, 28.4031

Triad

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



25.3461, 42.6177, 10.8931



33.6040, 42.6177, 158.1218



70.8846, 42.6177, 31.4413

Complementary

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



25.3461, 42.6177, 10.8931



26.2913, 14.6359, 54.2650

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.



70.3328, 42.6177, 70.7469



25.3461, 42.6177, 10.8931



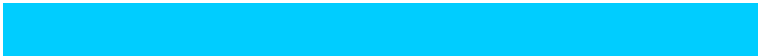
46.7143, 42.6177, 160.6056

Square

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



25.3461, 42.6177, 10.8931



24.5922, 42.6177, 117.1654



60.7551, 42.6177, 122.7807



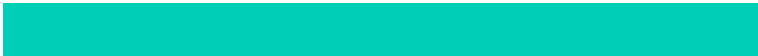
62.1293, 42.6177, 12.0674

Rectangle

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



25.3461, 42.6177, 10.8931



19.9415, 42.6177, 50.8271



60.7551, 42.6177, 122.7807



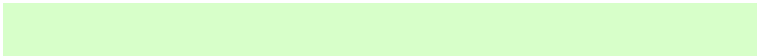
71.8306, 42.6177, 42.2442

Sweetspot

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



25.3471, 42.6195, 10.8940



74.4733, 90.2535, 69.0318



36.3508, 37.2963, 9.2866



15.4431, 19.0817, 13.8452



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.3471, 42.6195, 10.8940



40.7691, 74.0614, 14.0015



23.5765, 41.5796, 16.5539



10.7507, 12.0184, 11.3159



14.0984, 26.7633, 4.4228



0.7376, 1.3033, 0.2127

Inverse Universe

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



26.2913, 14.6359, 54.2650



42.2697, 20.7465, 96.3844



31.2928, 17.5984, 37.1403



10.8047, 10.6731, 13.4081



14.5051, 6.7119, 35.2754



0.7516, 0.3512, 1.6733

Previews

White Background



This preview shows how the XYZ color 25.3461, 42.6177, 10.8931 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 25.3461, 42.6177, 10.8931 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 25.3461, 42.6177, 10.8931

Background



This preview shows how black text looks on a background with the XYZ color 25.3461, 42.6177, 10.8931.



This preview shows how white text looks on a background with the XYZ color 25.3461, 42.6177,

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

25.3461, 42.6177, 10.8931

Protanopia

38.0040, 41.9894, 9.3505

Deuteranopia

42.8795, 41.9514, 11.6318



Tritanopia

35.1950, 42.3976, 60.3614

Trichromacy



Original Color

25.3461, 42.6177, 10.8931



Protanomaly

31.4944, 40.9913, 9.7422



Deuteranomaly

33.7188, 40.6083, 11.2153



Tritanomaly

30.0984, 41.9128, 34.5206

Monochromacy



Original Color

25.3461, 42.6177, 10.8931



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.2355, 33.6676, 21.9454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3461, 42.6177, 10.8931 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(94, 197, 58)` looks like.

```
.text, #text, p{  
    color:rgb(94, 197, 58)  
}
```

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(94, 197, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 197, 58) }
```

Border

The CSS property to change the border of an element to XYZ 25.3461, 42.6177, 10.8931 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(94, 197, 58) }
```


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

```
.border{ border-color:rgb(94, 197, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 197, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 197, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 197, 58);  
box-shadow:4px 4px 4px 4px rgb(94, 197,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3461, 42.6177, 10.8931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 197, 58) }
```

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

```
.background{ background-color: rgb(94, 197,  
58) }
```

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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