

Converting Colors

XYZ(13.6318, 24.2260, 6.3102)

Have a look what the booklet for
XYZ(13.6318, 24.2260, 6.3102)
contains.

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Color

**XYZ(13.5858, 24.1053,
6.3196)**

Conversions

Conversions Part 1

Format	Color
Hex	379A2C
RGB	55, 154, 44
RGB Percent	22%, 60%, 17%
CMY	0.7843, 0.3961, 0.8274
CMYK	0.64, 0.00, 0.71, 0.40
HSL	114°, 56%, 39%
HSV	114°, 71%, 60%
XYZ	13.5858, 24.1053, 6.3196
YIQ	111.8590, -23.6940, -55.1980

Conversions

Conversions Part 2

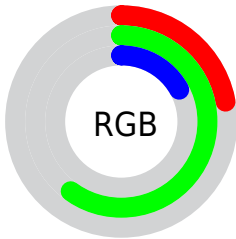
Format	Color
R_{YB}	44, 154, 143
Decimal	3643948
CIE _{Lab}	56.19, -49.75, 47.04
CIE _{LCh}	56, 68.464, 136.606
Yxy	24.1053, 0.3087, 0.5477
Android (android.graphics.Color)	4281834028 (0xFF379A2C)
YUV	111.8590, -33.4545, -49.8653
Hunter-Lab	49.0971, -36.5268, 26.7364

Details

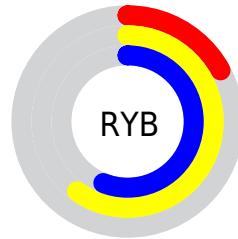
The XYZ color **13.5858, 24.1053, 6.3196** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **18.0625, 9.9750, 31.5465**, and the grayscale version is **15.4603, 16.2655, 17.7131**.

A 20% lighter version of the original color is **31.8512, 50.0229, 19.0430**, and **4.7514, 9.5027, 1.5838** is the 20% darker color. If you saturate the color by 10%, you get **12.6930, 23.6732, 5.0372**, and if you desaturate by 10%, it is **14.8005, 24.6923, 8.1788**.

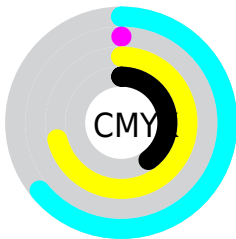
Distribution



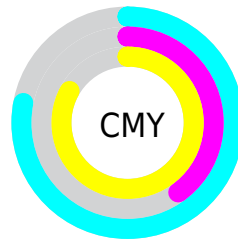
- Red (22%)
- Green (60%)
- Blue (17%)



- Red (17%)
- Yellow (60%)
- Blue (56%)



- Cyan (64%)
- Magenta (0%)
- Yellow (71%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5858, 24.1053, 6.3196 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 13.5858, 24.1053, 6.3196 by changing the saturation by 10% instead.

■ 13.5858, 24.1053,
6.3196

■ 13.5858, 24.1053,
6.3196

208.2012,
273.3524, 171.2944

■ 7.9129, 15.4118,
2.9685

■ 31.9447, 50.2020,
19.0797

■ 4.0906, 9.1089,
1.0786

■ 45.3614, 68.3739,
29.3258

■ 1.7535, 4.8123,
0.0000

■ 62.0902, 90.4741,
42.7073

■ 0.4894, 2.1375,
0.0000

■ 82.4963, 116.8869,
59.6427

■ 0.0000, 0.6856,
0.0000

■ 106.9450,
147.9967, 80.5506

■ 0.0000, 0.0000,
0.0000

■ 135.8019,

184.1880, 105.8495

169.4322,
225.8451, 135.9579

■ 13.5858, 24.1053,
6.3196

■ 13.5858, 24.1053,
6.3196

■ 12.6930, 23.6732,
5.0372

■ 14.8005, 24.6923,
8.1788

■ 12.0895, 23.3786,
4.2630

■ 16.3622, 25.4439,
10.6703

■ 11.7596, 23.2171,
3.8616

■ 18.2957, 26.3724,
13.8447

■ 20.6228, 27.4881,
17.7470

■ 23.3638, 28.8006,
22.4185

■ 26.5374, 30.3187,
27.8973

■ 30.1613, 32.0507,
34.2191

■ 34.2522, 34.0045,
41.4174

■ 38.8259, 36.1876,
49.5238

Harmonies

Analogous

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



18.8556, 24.1053, 2.7758



13.5858, 24.1053, 6.3196



11.1242, 24.1053, 17.4380

Triad

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



13.5858, 24.1053, 6.3196



19.5838, 24.1053, 94.9431



40.6734, 24.1053, 15.7128

Complementary

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



13.5858, 24.1053, 6.3196



18.0625, 9.9750, 31.5465

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.



40.9959, 24.1053, 37.6117



13.5858, 24.1053, 6.3196



27.5107, 24.1053, 93.4702

Square

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



13.5858, 24.1053, 6.3196



14.0133, 24.1053, 71.9718



35.7505, 24.1053, 68.6609



34.9502, 24.1053, 5.6782

Rectangle

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



13.5858, 24.1053, 6.3196



10.9332, 24.1053, 31.5509



35.7505, 24.1053, 68.6609



41.4559, 24.1053, 21.5728

Sweetspot

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



13.5864, 24.1063, 6.3201



42.4435, 52.3178, 40.7285



23.6046, 26.6980, 6.2924



9.3019, 11.6959, 8.6962



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



13.5864, 24.1063, 6.3201



22.3091, 42.6381, 8.1655



14.3565, 24.3524, 13.1771



6.1866, 6.9537, 6.6220



9.5961, 18.9228, 3.1467



0.1567, 0.2897, 0.0477

Inverse Universe

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



18.0625, 9.9750, 31.5465



30.8140, 15.2848, 56.8625



17.0425, 9.7978, 15.7457



6.4004, 6.2923, 7.8062



13.3900, 6.3539, 25.4284



0.2154, 0.1029, 0.3809

Previews

White Background



This preview shows how the XYZ color 13.5858, 24.1053, 6.3196 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 13.5858, 24.1053, 6.3196 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 13.5858, 24.1053, 6.3196

Background



This preview shows how black text looks on a background with the XYZ color 13.5858, 24.1053, 6.3196.



This preview shows how white text looks on a background with the XYZ color 13.5858, 24.1053,

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

13.5858, 24.1053, 6.3196

Protanopia

21.4690, 23.6807, 5.3588

Deuteranopia

23.9811, 23.5521, 6.7721



Tritanopia

19.2830, 24.0624, 34.6385

Trichromacy



Original Color

13.5858, 24.1053, 6.3196

Protanomaly

16.9953, 22.8547, 5.6135

Deuteranomaly

18.1256, 22.5572, 6.4163

Tritanomaly

16.3569, 23.7953, 19.9505

Monochromacy



Original Color

13.5858, 24.1053, 6.3196

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

13.6241, 18.0910, 11.7907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5858, 24.1053, 6.3196 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(55, 154, 44)` looks like.

```
.text, #text, p{  
    color:rgb(55, 154, 44)  
}
```

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(55, 154, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 154, 44) }
```

Border

The CSS property to change the border of an element to XYZ 13.5858, 24.1053, 6.3196 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(55, 154, 44) }
```


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

```
.border{ border-color:rgb(55, 154, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 154, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 154, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 154, 44);  
box-shadow:4px 4px 4px 4px rgb(55, 154,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5858, 24.1053, 6.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 154, 44) }
```

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

```
.background{ background-color: rgb(55, 154,  
44) }
```

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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