

Converting Colors

XYZ(15.1855, 21.8830, 8.1138)

Have a look what the booklet for
XYZ(15.1855, 21.8830, 8.1138)
contains.

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Color

**XYZ(15.1414, 21.8415,
8.1204)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8D3F
RGB	95, 141, 63
RGB Percent	37%, 55%, 25%
CMY	0.6274, 0.4470, 0.7529
CMYK	0.33, 0.00, 0.55, 0.45
HSL	95°, 38%, 40%
HSV	95°, 55%, 55%
XYZ	15.1414, 21.8415, 8.1204
YIQ	118.3540, -2.3780, -34.0100

Conversions

Conversions Part 2

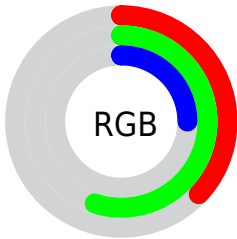
Format	Color
RYB	63, 141, 109
Decimal	6262079
CIELab	53.86, -30.07, 36.26
CIElCh	54, 47.104, 129.665
Yxy	21.8415, 0.3357, 0.4843
Android (android.graphics.Color)	4284452159 (0xFF5F8D3F)
YUV	118.3540, -27.2895, -20.4815
Hunter-Lab	46.7349, -23.9547, 22.4125

Details

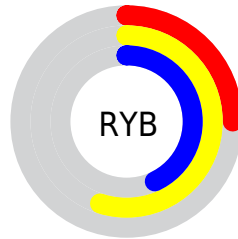
The XYZ color **15.1414, 21.8415, 8.1204** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **12.8928, 8.7299, 26.2060**, and the grayscale version is **17.4150, 18.3220, 19.9526**.

A 20% lighter version of the original color is **34.7085, 46.5184, 22.7724**, and **4.7675, 7.8769, 1.6499** is the 20% darker color. If you saturate the color by 10%, you get **13.9787, 21.2826, 6.2661**, and if you desaturate by 10%, it is **16.4984, 22.4902, 10.5116**.

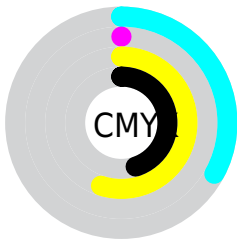
Distribution



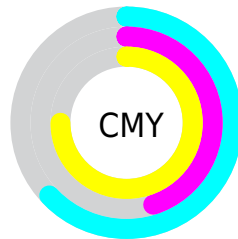
- Red (37%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (43%)



- Cyan (33%)
- Magenta (0%)
- Yellow (55%)
- Black (45%)



- Cyan (63%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1414, 21.8415, 8.1204 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 15.1414, 21.8415, 8.1204 by changing the saturation by 10% instead.

■ 15.1414, 21.8415,
8.1204

■ 15.1414, 21.8415,
8.1204

217.5919,
261.7174, 186.6431

■ 9.0056, 13.7405,
4.0832

■ 34.6707, 46.4839,
22.7442

■ 4.8020, 7.9404,
1.6711

■ 48.7949, 63.7941,
34.1679

■ 2.1651, 4.0568,
0.3408

■ 66.3127, 84.9427,
48.8908

■ 0.7243, 1.7054,
0.0000

■ 87.5893, 110.3143,
67.3315

■ 0.0000, 0.4272,
0.0000

■ 112.9902,
140.2931, 89.9086

■ 0.0000, 0.0000,
0.0000

■ 142.8807,

175.2637, 117.0405

177.6262,
215.6103, 149.1458

■ 15.1414, 21.8415,
8.1204

■ 15.1414, 21.8415,
8.1204

■ 13.9787, 21.2826,
6.2661

■ 16.4984, 22.4902,
10.5116

■ 12.9979, 20.8061,
4.9056

■ 18.0578, 23.2301,
13.4755

■ 12.1875, 20.4077,
3.9918

■ 19.8293, 24.0662,
17.0465

■ 11.5316, 20.0807,
3.4577

■ 21.8212, 25.0019,
21.2558

■ 11.2612, 19.9455,
3.2563

■ 24.0416, 26.0410,
26.1324

■ 26.4980, 27.1865,
31.7038

■ 29.1975, 28.4417,
37.9956

■ 32.1470, 29.8095,
45.0324

■ 35.3530, 31.2928,
52.8374

Harmonies

Analogous

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



19.1667, 21.8415, 5.5175



15.1414, 21.8415, 8.1204



12.8989, 21.8415, 15.3435

Triad

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



15.1414, 21.8415, 8.1204



17.5548, 21.8415, 60.7112



31.9211, 21.8415, 19.3983

Complementary

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



15.1414, 21.8415, 8.1204



12.8928, 8.7299, 26.2060

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.



31.3005, 21.8415, 34.8554



15.1414, 21.8415, 8.1204



22.4386, 21.8415, 63.2544

Square

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



15.1414, 21.8415, 8.1204



14.1269, 21.8415, 46.4067



27.6198, 21.8415, 52.3753



29.1988, 21.8415, 10.0480

Rectangle

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



15.1414, 21.8415, 8.1204



12.4619, 21.8415, 23.6187



27.6198, 21.8415, 52.3753



32.1054, 21.8415, 23.9454

Sweetspot

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



15.1419, 21.8424, 8.1209



38.3139, 44.4147, 36.4262



17.2980, 16.8533, 7.0442



8.4180, 9.8547, 7.8386



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.1419, 21.8424, 8.1209



24.6379, 37.9210, 10.6396



12.6652, 20.5434, 9.0100



5.5393, 6.1306, 5.7807



10.2848, 18.1946, 2.9698



0.1223, 0.1863, 0.0295

Inverse Universe

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



12.8928, 8.7299, 26.2060



20.1696, 11.9948, 46.3800



17.1009, 10.9535, 23.9515



5.4152, 5.4022, 6.7861



7.6674, 3.4463, 23.2382



0.0984, 0.0459, 0.2233

Previews

White Background



This preview shows how the XYZ color 15.1414, 21.8415, 8.1204 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 15.1414, 21.8415, 8.1204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

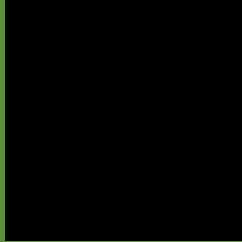
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.1414, 21.8415, 8.1204

Background



This preview shows how black text looks on a background with the XYZ color 15.1414, 21.8415, 8.1204.



This preview shows how white text looks on a background with the XYZ color 15.1414, 21.8415,

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

15.1414, 21.8415, 8.1204

Protanopia

19.6639, 21.5049, 7.2521

Deuteranopia

21.9075, 21.5045, 8.4650



Tritanopia

19.4089, 21.8840, 29.1877

Trichromacy



Original Color

15.1414, 21.8415, 8.1204

Protanomaly

17.6606, 21.4613, 7.4866

Deuteranomaly

18.6651, 21.1622, 8.2552

Tritanomaly

17.4349, 21.7068, 19.1905

Monochromacy



Original Color

15.1414, 21.8415, 8.1204

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.0959, 19.1185, 14.3972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1414, 21.8415, 8.1204 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(95, 141, 63)` looks like.

```
.text, #text, p{  
    color:rgb(95, 141, 63)  
}
```

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(95, 141, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 141, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.1414, 21.8415, 8.1204 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(95, 141, 63) }
```


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

```
.border{ border-color:rgb(95, 141, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 141, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 141, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 141, 63);  
box-shadow:4px 4px 4px 4px rgb(95, 141,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1414, 21.8415, 8.1204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 141, 63) }
```

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

```
.background{ background-color: rgb(95, 141,  
63) }
```

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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