

Converting Colors

XYZ(15.3246, 24.9227, 5.3186)

Have a look what the booklet for
XYZ(15.3246, 24.9227, 5.3186)
contains.

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Color

**XYZ(15.3702, 25.0491,
5.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	539A1F
RGB	83, 154, 31
RGB Percent	33%, 60%, 12%
CMY	0.6745, 0.3961, 0.8784
CMYK	0.46, 0.00, 0.80, 0.40
HSL	95°, 66%, 36%
HSV	95°, 80%, 60%
XYZ	15.3702, 25.0491, 5.3212
YIQ	118.7490, -2.8330, -53.3050

Conversions

Conversions Part 2

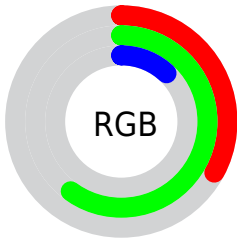
Format	Color
R_{YB}	31, 154, 102
Decimal	5478943
CIE _{Lab}	57.12, -42.78, 52.95
CIE _{LCh}	57, 68.074, 128.934
Yxy	25.0491, 0.3360, 0.5476
Android (android.graphics.Color)	4283669023 (0xFF539A1F)
YUV	118.7490, -43.2603, -31.3519
Hunter-Lab	50.0491, -32.7681, 28.7307

Details

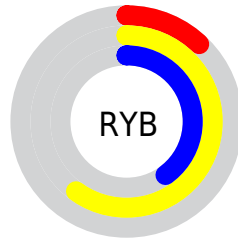
The XYZ color **15.3702, 25.0491, 5.3212** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **11.8036, 6.1387, 31.1360**, and the grayscale version is **17.5889, 18.5049, 20.1519**.

A 20% lighter version of the original color is **35.1276, 51.7618, 16.9437**, and **5.0606, 9.6622, 1.5983** is the 20% darker color. If you saturate the color by 10%, you get **14.4792, 24.6087, 4.4617**, and if you desaturate by 10%, it is **16.4600, 25.5824, 6.6973**.

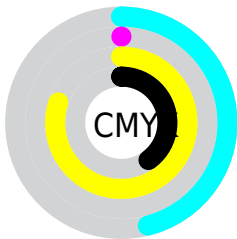
Distribution



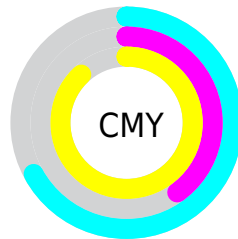
- Red (33%)
- Green (60%)
- Blue (12%)



- Red (12%)
- Yellow (60%)
- Blue (40%)



- Cyan (46%)
- Magenta (0%)
- Yellow (80%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3702, 25.0491, 5.3212 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 15.3702, 25.0491, 5.3212 by changing the saturation by 10% instead.

■ 15.3702, 25.0491,
5.3212

■ 15.3702, 25.0491,
5.3212

218.9404,
278.0824, 161.9401

■ 9.1676, 16.1136,
2.3749

■ 35.0677, 51.7369,
16.9575

■ 4.9087, 9.6046,
0.7727

■ 49.2933, 70.2580,
26.4846

■ 2.2280, 5.1376,
0.0000

■ 66.9239, 92.7431,
39.0423

■ 0.7574, 2.3282,
0.0000

■ 88.3250, 119.5766,
55.0493

■ 0.0000, 0.7886,
0.0000

■ 113.8618,
151.1428, 74.9240

■ 0.0000, 0.0000,
0.0000

■ 143.8997,

187.8263, 99.0850

178.8041,
230.0114, 127.9509

■ 15.3702, 25.0491,
5.3212

■ 15.3702, 25.0491,
5.3212

■ 14.4792, 24.6087,
4.4617

■ 16.4600, 25.5824,
6.6973

■ 13.7518, 24.2440,
3.9607

■ 17.7626, 26.2119,
8.6528

■ 13.7428, 24.2395,
3.9544

■ 19.2925, 26.9449,
11.2435

■ 21.0621, 27.7865,
14.5181

■ 23.0830, 28.7418,
18.5205

■ 25.3656, 29.8153,
23.2909

■ 27.9201, 31.0115,
28.8668

■ 30.7557, 32.3342,
35.2829

■ 33.8814, 33.7874,
42.5721

Harmonies

Analogous

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



21.4921, 25.0491, 2.7706



15.3702, 25.0491, 5.3212



12.1193, 25.0491, 14.2768

Triad

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



15.3702, 25.0491, 5.3212



18.6829, 25.0491, 92.7646



42.5305, 25.0491, 20.9721

Complementary

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



15.3702, 25.0491, 5.3212



11.8036, 6.1387, 31.1360

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.



41.3003, 25.0491, 46.4356



15.3702, 25.0491, 5.3212



26.2855, 25.0491, 98.3379

Square

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



15.3702, 25.0491, 5.3212



13.7118, 25.0491, 65.5253



34.8783, 25.0491, 78.0959



37.9371, 25.0491, 7.8653

Rectangle

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



15.3702, 25.0491, 5.3212



11.4755, 25.0491, 26.4608



34.8783, 25.0491, 78.0959



42.8027, 25.0491, 28.1041

Sweetspot

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



15.3708, 25.0502, 5.3217



44.1032, 53.2326, 38.1316



18.1994, 16.2193, 3.4681



9.6743, 11.9039, 7.9908



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.



15.3708, 25.0502, 5.3217



25.2339, 44.1652, 7.4262



12.4910, 23.5515, 5.8249



6.3673, 7.0468, 6.6304



11.2354, 19.7679, 3.2234



0.2082, 0.3163, 0.0501

Inverse Universe

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



11.8036, 6.1387, 31.1360



18.3870, 8.3847, 56.1856



18.9902, 9.9198, 28.0278



6.2087, 6.1935, 7.7972



8.1422, 3.6485, 25.1828



0.1632, 0.0759, 0.3784

Previews

White Background



This preview shows how the XYZ color 15.3702, 25.0491, 5.3212 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 15.3702, 25.0491, 5.3212 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 15.3702, 25.0491, 5.3212

Background



This preview shows how black text looks on a background with the XYZ color 15.3702, 25.0491, 5.3212.



This preview shows how white text looks on a background with the XYZ color 15.3702, 25.0491,

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

15.3702, 25.0491, 5.3212

Protanopia

22.4585, 24.8359, 4.5874

Deuteranopia

25.0809, 24.5329, 5.6989



Tritanopia

21.2183, 24.8363, 34.6859

Trichromacy



Original Color

15.3702, 25.0491, 5.3212

Protanomaly

18.9341, 24.3180, 4.7945

Deuteranomaly

20.1021, 23.8124, 5.4562

Tritanomaly

17.9675, 24.4261, 18.5196

Monochromacy



Original Color

15.3702, 25.0491, 5.3212

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

15.9154, 20.2548, 12.0876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3702, 25.0491, 5.3212 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(83, 154, 31)` looks like.

```
.text, #text, p{  
    color:rgb(83, 154, 31)  
}
```

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(83, 154, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 154, 31) }
```

Border

The CSS property to change the border of an element to XYZ 15.3702, 25.0491, 5.3212 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(83, 154, 31) }
```


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

```
.border{ border-color:rgb(83, 154, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 154, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 154, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 154, 31);  
box-shadow:4px 4px 4px 4px rgb(83, 154,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3702, 25.0491, 5.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 154, 31) }
```

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

```
.background{ background-color: rgb(83, 154,  
31) }
```

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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