

Converting Colors

XYZ(15.2162, 25.9822, 4.8296)

Have a look what the booklet for
XYZ(15.2162, 25.9822, 4.8296)
contains.

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Color

**XYZ(15.2461, 25.9966,
4.8304)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9E13
RGB	75, 158, 19
RGB Percent	29%, 62%, 7%
CMY	0.7059, 0.3804, 0.9255
CMYK	0.53, 0.00, 0.88, 0.38
HSL	96°, 79%, 35%
HSV	96°, 88%, 62%
XYZ	15.2461, 25.9966, 4.8304
YIQ	117.3370, -4.8490, -60.8250

Conversions

Conversions Part 2

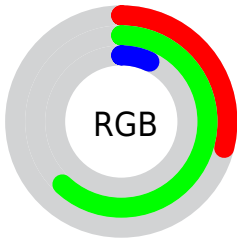
Format	Color
R_{YB}	19, 158, 102
Decimal	4955667
CIE _{Lab}	58.03, -47.44, 56.84
CIE _{LCh}	58, 74.039, 129.847
Yxy	25.9966, 0.3309, 0.5642
Android (android.graphics.Color)	4283145747 (0xFF4B9E13)
YUV	117.3370, -48.4801, -37.1295
Hunter-Lab	50.9869, -35.8519, 30.0738

Details

The XYZ color **15.2461, 25.9966, 4.8304** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **11.8857, 5.7602, 32.8346**, and the grayscale version is **17.1612, 18.0549, 19.6618**.

A 20% lighter version of the original color is **34.7213, 53.0585, 15.8085**, and **5.1540, 10.3081, 1.7180** is the 20% darker color. If you saturate the color by 10%, you get **14.4625, 25.6050, 4.2721**, and if you desaturate by 10%, it is **16.2232, 26.4800, 5.8314**.

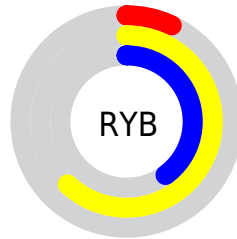
Distribution



Red (29%)

Green (62%)

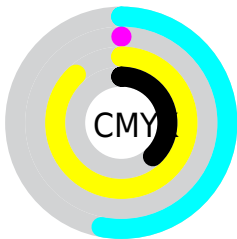
Blue (7%)



Red (7%)

Yellow (62%)

Blue (40%)

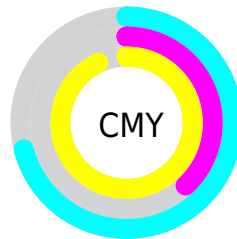


Cyan (53%)

Magenta (0%)

Yellow (88%)

Black (38%)



Cyan (71%)

Magenta (38%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2461, 25.9966, 4.8304 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 15.2461, 25.9966, 4.8304 by changing the saturation by 10% instead.

■ 15.2461, 25.9966,
4.8304

■ 15.2461, 25.9966,
4.8304

218.2100,
282.7654, 157.0509

■ 9.0797, 16.8211,
2.0911

■ 34.8525, 53.2695,
15.8837

■ 4.8507, 10.1070,
0.6105

■ 49.0232, 72.1356,
25.0347

■ 2.1938, 5.4700,
0.0000

■ 66.5927, 95.0008,
37.1601

■ 0.7395, 2.5256,
0.0000

■ 87.9264, 122.2493,
52.6784

■ 0.0000, 0.8894,
0.0000

■ 113.3896,
154.2657, 72.0080

■ 0.0000, 0.0000,
0.0000

■ 143.3477,

191.4342, 95.5677

178.1660,
234.1393, 123.7758

15.2461, 25.9966,
4.8304

15.2461, 25.9966,
4.8304

14.4625, 25.6050,
4.2721

16.2232, 26.4800,
5.8314

14.3190, 25.5330,
4.1737

17.4193, 27.0633,
7.3927

18.8517, 27.7547,
9.5815

20.5353, 28.5608,
12.4551

22.4837, 29.4874,
16.0645

■ 24.7092, 30.5398,
20.4557

■ 27.2233, 31.7230,
25.6709

■ 30.0369, 33.0419,
31.7493

■ 33.1602, 34.5007,
38.7278

Harmonies

Analogous

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



21.8828, 25.9966, 2.2271



15.2461, 25.9966, 4.8304



11.8246, 25.9966, 14.5015

Triad

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



15.2461, 25.9966, 4.8304



19.2447, 25.9966, 104.2956



45.8231, 25.9966, 20.6900

Complementary

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



15.2461, 25.9966, 4.8304



11.8857, 5.7602, 32.8346

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.



44.6268, 25.9966, 48.8926



15.2461, 25.9966, 4.8304



27.7686, 25.9966, 109.8541

Square

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



15.2461, 25.9966, 4.8304



13.7171, 25.9966, 73.0491



37.4484, 25.9966, 85.4627



40.4051, 25.9966, 7.0220

Rectangle

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



15.2461, 25.9966, 4.8304



11.1921, 25.9966, 28.1749



37.4484, 25.9966, 85.4627



46.2066, 25.9966, 28.4373

Sweetspot

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



15.2467, 25.9977, 4.8310



45.5039, 55.7567, 38.4346



18.7845, 16.4479, 2.8012



9.9442, 12.4219, 8.0283



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.2467, 25.9977, 4.8310



25.7894, 46.2563, 7.5691



12.7381, 24.6901, 5.3626



6.7911, 7.5249, 7.0802



11.5099, 20.4703, 3.3445



0.2522, 0.3900, 0.0620

Inverse Universe

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



11.8857, 5.7602, 32.8346



19.4253, 8.7194, 59.4026



19.5553, 9.8239, 28.2314



6.6454, 6.6212, 8.3344



8.7141, 3.9213, 26.2048



0.2027, 0.0943, 0.4707

Previews

White Background



This preview shows how the XYZ color 15.2461, 25.9966, 4.8304 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 15.2461, 25.9966, 4.8304 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 15.2461, 25.9966, 4.8304

Background



This preview shows how black text looks on a background with the XYZ color 15.2461, 25.9966, 4.8304.



This preview shows how white text looks on a background with the XYZ color 15.2461, 25.9966,

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

15.2461, 25.9966, 4.8304

Protanopia

23.0093, 25.5597, 4.0686

Deuteranopia

26.0408, 25.6348, 5.3258



Tritanopia

21.6215, 25.9120, 36.6628

Trichromacy



Original Color

15.2461, 25.9966, 4.8304

Protanomaly

19.1175, 25.1043, 4.2899

Deuteranomaly

20.2405, 24.5468, 4.8995

Tritanomaly

17.8932, 25.3398, 18.1354

Monochromacy



Original Color

15.2461, 25.9966, 4.8304

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.2160, 19.9214, 10.8278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2461, 25.9966, 4.8304 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(75, 158, 19)` looks like.

```
.text, #text, p{  
    color:rgb(75, 158, 19)  
}
```

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(75, 158, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 158, 19) }
```

Border

The CSS property to change the border of an element to XYZ 15.2461, 25.9966, 4.8304 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(75, 158, 19) }
```


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

```
.border{ border-color:rgb(75, 158, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 158, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 158, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 158, 19);  
box-shadow:4px 4px 4px 4px rgb(75, 158,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2461, 25.9966, 4.8304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 158, 19) }
```

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

```
.background{ background-color: rgb(75, 158,  
19) }
```

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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