

Converting Colors

XYZ(15.9432, 24.5161, 3.8918)

Have a look what the booklet for
XYZ(15.9432, 24.5161, 3.8918)
contains.

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Color

**XYZ(15.8361, 24.3541,
3.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	619600
RGB	97, 150, 0
RGB Percent	38%, 59%, 0%
CMY	0.6196, 0.4118, 0.9999
CMYK	0.35, 0.00, 1.00, 0.41
HSL	81°, 100%, 29%
HSV	81°, 100%, 59%
XYZ	15.8361, 24.3541, 3.8662
YIQ	117.0530, 16.5620, -57.8860

Conversions

Conversions Part 2

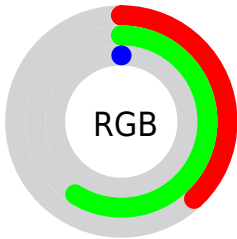
Format	Color
RYB	0, 150, 53
Decimal	6395392
CIELab	56.44, -37.11, 59.16
CIElCh	56, 69.839, 122.101
Yxy	24.3541, 0.3595, 0.5528
Android (android.graphics.Color)	4284585472 (0xFF619600)
YUV	117.0530, -57.7071, -17.5865
Hunter-Lab	49.3499, -29.0826, 29.9000

Details

The XYZ color **15.8361, 24.3541, 3.8662** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.9746, 2.9598, 29.0593**, and the grayscale version is **17.0957, 17.9861, 19.5868**.

A 20% lighter version of the original color is **35.8857, 50.7802, 13.7045**, and **5.4167, 9.4159, 1.5320** is the 20% darker color. If you saturate the color by 10%, you get **15.8361, 24.3549, 3.8663**, and if you desaturate by 10%, it is **16.5068, 24.6907, 4.3482**.

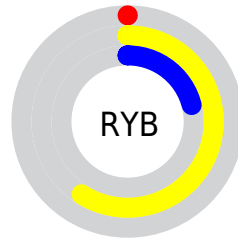
Distribution



Red (38%)

Green (59%)

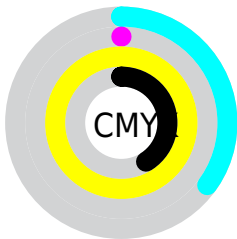
Blue (0%)



Red (0%)

Yellow (59%)

Blue (21%)

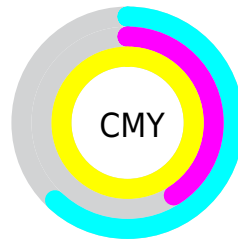


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (62%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8361, 24.3541, 3.8662 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 15.8361, 24.3541, 3.8662 by changing the saturation by 10% instead.

■ 15.8361, 24.3541,
3.8662

■ 15.8361, 24.3541,
3.8662

■ 221.6621,
274.6058, 146.7264

■ 9.4984, 15.5965,
1.5522

■ 35.8732, 50.6074,
13.7000

■ 5.1273, 9.2391,
0.2564

■ 50.3032, 68.8719,
22.0569

■ 2.3577, 4.8975,
0.0000

■ 68.1614, 91.0742,
33.2652

■ 0.8239, 2.1872,
0.0000

■ 89.8131, 117.5987,
47.7434


■ 0.0000, 0.7130,
0.0000


■ 115.6237,
148.8296, 65.9101


■ 0.0000, 0.0000,
0.0000


■ 145.9585,


185.1516, 88.1838


 181.1828,
226.9488, 114.9830


 15.8361, 24.3541,
3.8662


 15.8361, 24.3541,
3.8662


 15.8361, 24.3549,
3.8663

 16.5068, 24.6907,
4.3482

 17.2773, 25.0708,
5.1578

 18.1783, 25.5076,
6.4494

 19.2217, 26.0060,
8.2836

 20.4180, 26.5702,
10.7117

■ 21.7766, 27.2041,
13.7795

■ 23.3059, 27.9110,
17.5279

■ 25.0135, 28.6943,
21.9946

■ 26.9068, 29.5567,
27.2147

Harmonies

Analogous

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



22.5832, 24.3541, 2.2775



15.8361, 24.3541, 3.8662



11.9556, 24.3541, 10.6740

Triad

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



15.8361, 24.3541, 3.8662



16.6141, 24.3541, 88.4578



42.3974, 24.3541, 24.9202

Complementary

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



15.8361, 24.3541, 3.8662



6.9746, 2.9598, 29.0593

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.



39.7669, 24.3541, 53.2530



15.8361, 24.3541, 3.8662



23.7218, 24.3541, 100.4374

Square

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



15.8361, 24.3541, 3.8662



12.3258, 24.3541, 57.8759



32.4217, 24.3541, 84.8674



38.9559, 24.3541, 9.2072

Rectangle

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



15.8361, 24.3541, 3.8662



10.9197, 24.3541, 20.8618



32.4217, 24.3541, 84.8674



42.1928, 24.3541, 33.1128

Sweetspot

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



15.8367, 24.3552, 3.8667



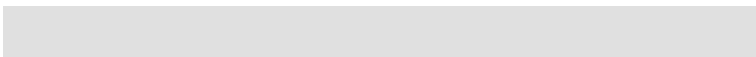
40.9570, 49.1758, 30.4993



13.8293, 8.9861, 1.0060



8.8430, 10.7902, 6.1764



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.8367, 24.3552, 3.8667



27.7507, 42.8783, 6.8137



11.2492, 21.9903, 3.6520



6.0686, 6.6432, 6.2029



13.1691, 20.2168, 3.2081



0.1933, 0.2640, 0.0408

Inverse Universe

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



6.9746, 2.9598, 29.0593



12.1331, 5.1326, 51.2724



14.3332, 6.7533, 29.4037



5.6813, 5.7267, 7.2757



5.8161, 2.4709, 24.1014



0.1010, 0.0456, 0.2964

Previews

White Background



This preview shows how the XYZ color 15.8361, 24.3541, 3.8662 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 15.8361, 24.3541, 3.8662 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 15.8361, 24.3541, 3.8662

Background



This preview shows how black text looks on a background with the XYZ color 15.8361, 24.3541, 3.8662.



This preview shows how white text looks on a background with the XYZ color 15.8361, 24.3541,

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

15.8361, 24.3541, 3.8662

Protanopia

21.6129, 24.0033, 3.4940

Deuteranopia

24.5185, 24.0731, 4.5167



Tritanopia

21.6286, 24.2103, 32.8113

Trichromacy



Original Color

15.8361, 24.3541, 3.8662

Protanomaly

18.8938, 23.6617, 3.5714

Deuteranomaly

20.2410, 23.4916, 4.0398

Tritanomaly

17.9972, 23.6152, 14.6760

Monochromacy



Original Color

15.8361, 24.3541, 3.8662

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.5167, 19.5099, 9.4265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8361, 24.3541, 3.8662 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(97, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 150, 0)  
}
```

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(97, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 150, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.8361, 24.3541, 3.8662 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(97, 150, 0) }
```


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

```
.border{ border-color:rgb(97, 150, 0) }
```

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

Here you see how a box with a 4 pixel rgb(97, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(97, 150, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.8361, 24.3541, 3.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 150, 0) }
```

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

```
.background{ background-color: rgb(97, 150,  
0) }
```

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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