

Converting Colors

XYZ(15.7421, 26.2133, 6.6129)

Have a look what the booklet for
XYZ(15.7421, 26.2133, 6.6129)
contains.

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Color

**XYZ(15.7421, 26.2133,
6.6129)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9E2C
RGB	77, 158, 44
RGB Percent	30%, 62%, 17%
CMY	0.6980, 0.3804, 0.8274
CMYK	0.51, 0.00, 0.72, 0.38
HSL	103°, 56%, 40%
HSV	103°, 72%, 62%
XYZ	15.7421, 26.2133, 6.6129
YIQ	120.7850, -11.6820, -52.6260

Conversions

Conversions Part 2

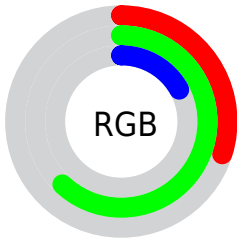
Format	Color
R_YB	44, 158, 125
Decimal	5086764
CIE Lab	58.24, -45.41, 49.38
CIE LCh	58, 67.087, 132.600
Yxy	26.2133, 0.3241, 0.5397
Android (android.graphics.Color)	4283276844 (0xFF4D9E2C)
YUV	120.7850, -37.8550, -38.3994
Hunter-Lab	51.1989, -34.7148, 28.1813

Details

The XYZ color **15.7421, 26.2133, 6.6129** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **15.5310, 8.6309, 33.1964**, and the grayscale version is **18.2263, 19.1755, 20.8821**.

A 20% lighter version of the original color is **35.6248, 53.4381, 19.7462**, and **5.2291, 10.3468, 1.7215** is the 20% darker color. If you saturate the color by 10%, you get **14.6710, 25.6900, 5.2969**, and if you desaturate by 10%, it is **17.0839, 26.8647, 8.5330**.

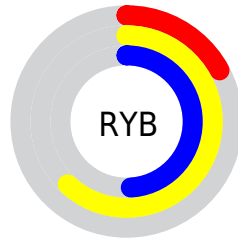
Distribution



Red (30%)

Green (62%)

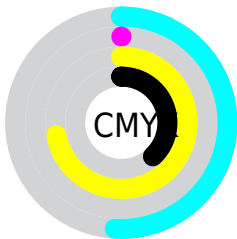
Blue (17%)



Red (17%)

Yellow (62%)

Blue (49%)

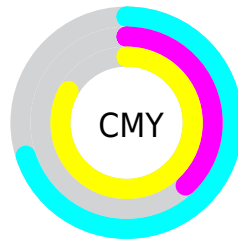


Cyan (51%)

Magenta (0%)

Yellow (72%)

Black (38%)



Cyan (70%)


Magenta (38%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.7421, 26.2133, 6.6129 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 15.7421, 26.2133, 6.6129 by changing the saturation by 10% instead.


 15.7421, 26.2133,
6.6129


 15.7421, 26.2133,
6.6129


221.1155,
283.8276, 173.9143


 9.4315, 16.9833,
3.1465


 35.7110, 53.6189,
19.6896


 5.0831, 10.2226,
1.1699


 50.1000, 72.5632,
30.1369


 2.3313, 5.5468,
0.0000

 67.9125, 95.5144,
43.7482

 0.8106, 2.5715,
0.0000

 89.5139, 122.8569,
60.9421

 0.0000, 0.9124,
0.0000

 115.2696,
154.9750, 82.1371

 0.0000, 0.0000,
0.0000

 145.5448,

192.2533, 107.7518

180.7050,
235.0760, 138.2047

■ 15.7421, 26.2133,
6.6129

■ 15.7421, 26.2133,
6.6129

■ 14.6710, 25.6900,
5.2969

■ 17.0839, 26.8647,
8.5330

■ 13.8471, 25.2817,
4.5110

■ 18.7136, 27.6494,
11.1163

■ 13.3421, 25.0294,
4.1280

■ 20.6488, 28.5760,
14.4169

■ 22.9052, 29.6515,
18.4828

■ 25.4972, 30.8825,
23.3579

■ 28.4385, 32.2751,
29.0828

■ 31.7418, 33.8351,
35.6952

■ 35.4192, 35.5679,
43.2308

■ 39.4824, 37.4788,
51.7231

Harmonies

Analogous

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



21.6506, 26.2133, 3.3271



15.7421, 26.2133, 6.6129



12.7537, 26.2133, 17.1148

Triad

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



15.7421, 26.2133, 6.6129



20.5165, 26.2133, 96.3562



43.5503, 26.2133, 19.8286

Complementary

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



15.7421, 26.2133, 6.6129



15.5310, 8.6309, 33.1964

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.



43.0592, 26.2133, 44.1758



15.7421, 26.2133, 6.6129



28.4920, 26.2133, 98.5622

Square

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



15.7421, 26.2133, 6.6129



15.0686, 26.2133, 70.9703



37.0982, 26.2133, 75.9612



38.3215, 26.2133, 7.6671

Rectangle

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



15.7421, 26.2133, 6.6129



12.3104, 26.2133, 30.6264



37.0982, 26.2133, 75.9612



44.0766, 26.2133, 26.5541

Sweetspot

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



15.7427, 26.2144, 6.6135



46.1605, 56.0137, 42.1474



21.7389, 21.8173, 5.4487



10.1261, 12.4951, 8.9674



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.



15.7427, 26.2144, 6.6135



25.6133, 46.1428, 8.5844



14.2735, 25.3932, 9.4285



6.7222, 7.4894, 7.0770



10.7203, 20.0632, 3.3076



0.2305, 0.3788, 0.0610

Inverse Universe

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



15.5310, 8.6309, 33.1964



25.0249, 12.1829, 59.7760



19.3895, 10.8261, 24.0645



6.7170, 6.6581, 8.3378



10.3620, 4.7708, 26.2820



0.2247, 0.1056, 0.4718

Previews

White Background



This preview shows how the XYZ color 15.7421, 26.2133, 6.6129 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 15.7421, 26.2133, 6.6129 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 15.7421, 26.2133, 6.6129

Background



This preview shows how black text looks on a background with the XYZ color 15.7421, 26.2133, 6.6129.



This preview shows how white text looks on a background with the XYZ color 15.7421, 26.2133,

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

15.7421, 26.2133, 6.6129

Protanopia

23.3091, 25.6796, 5.6476

Deuteranopia

26.1507, 25.6531, 7.0633



Tritanopia

21.7287, 25.9673, 36.6679

Trichromacy



Original Color

15.7421, 26.2133, 6.6129

Protanomaly

19.4315, 25.2299, 5.9435

Deuteranomaly

20.5818, 24.6833, 6.6972

Tritanomaly

18.4939, 25.5912, 20.7945

Monochromacy



Original Color

15.7421, 26.2133, 6.6129

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.3266, 20.8438, 13.5187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7421, 26.2133, 6.6129 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(77, 158, 44)` looks like.

```
.text, #text, p{  
    color:rgb(77, 158, 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(77, 158, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 158, 44) }
```

Border

The CSS property to change the border of an element to XYZ 15.7421, 26.2133, 6.6129 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(77, 158, 44) }
```


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

```
.border{ border-color:rgb(77, 158, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 158, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 158, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 158, 44);  
box-shadow:4px 4px 4px 4px rgb(77, 158,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7421, 26.2133, 6.6129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 158, 44) }
```

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

```
.background{ background-color: rgb(77, 158,  
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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