

Converting Colors

XYZ(16.2716, 25.2561, 5.9368)

Have a look what the booklet for
XYZ(16.2716, 25.2561, 5.9368)
contains.

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Color

**XYZ(16.2716, 25.2561,
5.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9927
RGB	93, 153, 39
RGB Percent	36%, 60%, 15%
CMY	0.6353, 0.4000, 0.8470
CMYK	0.39, 0.00, 0.75, 0.40
HSL	92°, 59%, 38%
HSV	92°, 75%, 60%
XYZ	16.2716, 25.2561, 5.9368
YIQ	122.0640, 0.8340, -48.1740

Conversions

Conversions Part 2

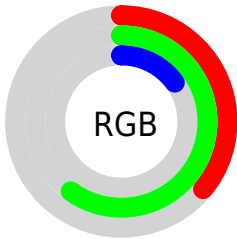
Format	Color
RYB	39, 153, 99
Decimal	6134055
CIELab	57.32, -38.42, 50.58
CIELCh	57, 63.519, 127.220
Yxy	25.2561, 0.3428, 0.5321
Android (android.graphics.Color)	4284324135 (0xFF5D9927)
YUV	122.0640, -40.9506, -25.4891
Hunter-Lab	50.2554, -30.1527, 28.1747

Details

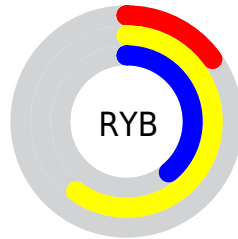
The XYZ color **16.2716, 25.2561, 5.9368** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.6223, 6.4045, 30.7621**, and the grayscale version is **18.6497, 19.6209, 21.3672**.

A 20% lighter version of the original color is **36.7004, 52.1804, 18.2627**, and **5.4166, 9.7007, 1.5869** is the 20% darker color. If you saturate the color by 10%, you get **15.2950, 24.7770, 4.8244**, and if you desaturate by 10%, it is **17.4376, 25.8225, 7.5929**.

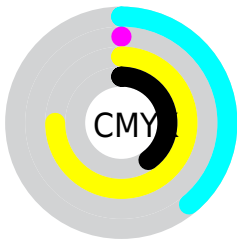
Distribution



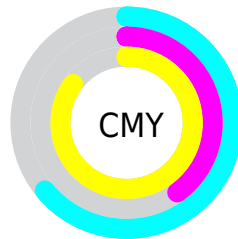
- Red (36%)
- Green (60%)
- Blue (15%)



- Red (15%)
- Yellow (60%)
- Blue (39%)



- Cyan (39%)
- Magenta (0%)
- Yellow (75%)
- Black (40%)





- Cyan (64%)
- Magenta (40%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2716, 25.2561, 5.9368 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 16.2716, 25.2561, 5.9368 by changing the saturation by 10% instead.


 16.2716, 25.2561,
5.9368


 16.2716, 25.2561,
5.9368


224.1781,
279.1109, 167.7922


 9.8086, 16.2680,
2.7385

 36.6227, 52.0724,
18.2750


 5.3335, 9.7140,
0.9627


 51.2416, 70.6693,
28.2519


 2.4810, 5.2097,
0.0000

 69.3098, 93.2380,
41.3256

 0.8857, 2.3708,
0.0000

 91.1926, 120.1628,
57.9144

 0.0000, 0.8108,
0.0000

 117.2555,
151.8281, 78.4369

 0.0000, 0.0000,
0.0000

 147.8639,

188.6183, 103.3117

183.3829,
230.9178, 132.9573

■ 16.2716, 25.2561,
5.9368

■ 16.2716, 25.2561,
5.9368

■ 15.2950, 24.7770,
4.8244

■ 17.4376, 25.8225,
7.5929

■ 14.4897, 24.3753,
4.1825

■ 18.8046, 26.4787,
9.8490

■ 14.0994, 24.1794,
3.9240

■ 20.3853, 27.2309,
12.7564

■ 22.1906, 28.0837,
16.3601

■ 24.2305, 29.0413,
20.7013

■ 26.5144, 30.1078,
25.8180

■ 29.0511, 31.2870,
31.7456

■ 31.8489, 32.5823,
38.5172

■ 34.9156, 33.9972,
46.1642

Harmonies

Analogous

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



22.2317, 25.2561, 3.4693



16.2716, 25.2561, 5.9368



12.9806, 25.2561, 14.3699

Triad

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



16.2716, 25.2561, 5.9368



18.8259, 25.2561, 86.1559



41.4171, 25.2561, 22.6120

Complementary

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



16.2716, 25.2561, 5.9368



11.6223, 6.4045, 30.7621

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.



39.9752, 25.2561, 46.8738



16.2716, 25.2561, 5.9368



25.8706, 25.2561, 92.5256

Square

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



16.2716, 25.2561, 5.9368



14.2258, 25.2561, 60.9645



33.8673, 25.2561, 75.4759



37.4736, 25.2561, 9.2749

Rectangle

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



16.2716, 25.2561, 5.9368



12.2565, 25.2561, 25.5379



33.8673, 25.2561, 75.4759



41.5578, 25.2561, 29.5593

Sweetspot

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



16.2722, 25.2572, 5.9374



44.2033, 52.3869, 38.8548



17.8625, 15.6366, 3.9966



9.5500, 11.4690, 8.1173



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.2722, 25.2572, 5.9374



26.4551, 43.9056, 7.8332



12.6272, 23.3744, 5.9353



6.3965, 7.0618, 6.6318



11.6904, 20.0025, 3.2447



0.2163, 0.3205, 0.0505

Inverse Universe

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



11.6223, 6.4045, 30.7621



17.6593, 8.3367, 54.6504



19.4575, 10.4617, 30.3160



6.1792, 6.1783, 7.7958



7.5624, 3.3496, 25.1557



0.1550, 0.0717, 0.3780

Previews

White Background



This preview shows how the XYZ color 16.2716, 25.2561, 5.9368 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 16.2716, 25.2561, 5.9368 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 16.2716, 25.2561, 5.9368

Background



This preview shows how black text looks on a background with the XYZ color 16.2716, 25.2561, 5.9368.



This preview shows how white text looks on a background with the XYZ color 16.2716, 25.2561,

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

16.2716, 25.2561, 5.9368

Protanopia

22.5755, 24.8827, 5.2031

Deuteranopia

25.3107, 24.8366, 6.2562



Tritanopia

21.9619, 25.2292, 34.2841

Trichromacy



Original Color

16.2716, 25.2561, 5.9368

Protanomaly

19.6566, 24.6778, 5.3963

Deuteranomaly

20.8898, 24.2061, 6.0538

Tritanomaly

18.9519, 24.9209, 19.1406

Monochromacy



Original Color

16.2716, 25.2561, 5.9368

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

16.8748, 20.9273, 13.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2716, 25.2561, 5.9368 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(93, 153, 39)` looks like.

```
.text, #text, p{  
    color:rgb(93, 153, 39)  
}
```

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(93, 153, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 153, 39) }
```

Border

The CSS property to change the border of an element to XYZ 16.2716, 25.2561, 5.9368 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(93, 153, 39) }
```


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

```
.border{ border-color:rgb(93, 153, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 153, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 153, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 153, 39);  
box-shadow:4px 4px 4px 4px rgb(93, 153,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2716, 25.2561, 5.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 153, 39) }
```

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

```
.background{ background-color: rgb(93, 153,  
39) }
```

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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