

Converting Colors

XYZ(16.6284, 26.4992, 6.1259)

Have a look what the booklet for
XYZ(16.6284, 26.4992, 6.1259)
contains.

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Color

**XYZ(16.5430, 26.3843,
6.1402)**

Conversions

Conversions Part 1

Format	Color
Hex	599D27
RGB	89, 157, 39
RGB Percent	35%, 62%, 15%
CMY	0.6510, 0.3843, 0.8470
CMYK	0.43, 0.00, 0.75, 0.38
HSL	95°, 60%, 38%
HSV	95°, 75%, 62%
XYZ	16.5430, 26.3843, 6.1402
YIQ	123.2160, -2.6500, -51.1140

Conversions

Conversions Part 2

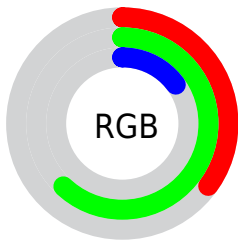
Format	Color
R_{YB}	39, 157, 107
Decimal	5872935
CIE _{Lab}	58.40, -41.52, 51.58
CIE _{LCh}	58, 66.218, 128.835
Yxy	26.3843, 0.3371, 0.5377
Android (android.graphics.Color)	4284063015 (0xFF599D27)
YUV	123.2160, -41.5185, -30.0074
Hunter-Lab	51.3657, -32.4016, 28.8685

Details

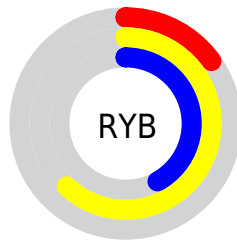
The XYZ color **16.5430, 26.3843, 6.1402** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **12.8761, 7.0120, 32.5746**, and the grayscale version is **19.0324, 20.0235, 21.8056**.

A 20% lighter version of the original color is **37.0209, 53.8066, 18.7904**, and **5.6166, 10.3945, 1.7103** is the 20% darker color. If you saturate the color by 10%, you get **15.5194, 25.8815, 5.0043**, and if you desaturate by 10%, it is **17.7822, 26.9874, 7.8493**.

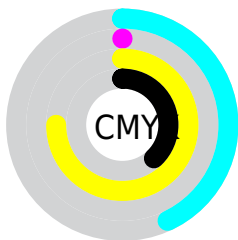
Distribution



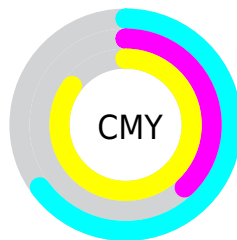
- Red (35%)
- Green (62%)
- Blue (15%)



- Red (15%)
- Yellow (62%)
- Blue (42%)



- Cyan (43%)
- Magenta (0%)
- Yellow (75%)
- Black (38%)



- Cyan (65%)
- Magenta (38%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5430, 26.3843, 6.1402 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 16.5430, 26.3843, 6.1402 by changing the saturation by 10% instead.

■ 16.5430, 26.3843,
6.1402

■ 16.5430, 26.3843,
6.1402

225.7328,
284.6635, 169.6653

■ 10.0025, 17.1114,
2.8604

■ 37.0882, 53.8943,
18.7039

■ 5.4629, 10.3139,
1.0238

■ 51.8236, 72.9001,
28.8248

■ 2.5588, 5.6076,
0.0000

■ 70.0214, 95.9190,
42.0631

■ 0.9250, 2.6080,
0.0000

■ 92.0469, 123.3354,
58.8374

■ 0.0000, 0.9307,
0.0000

■ 118.2654,
155.5336, 79.5663

■ 0.0000, 0.0000,
0.0000

■ 149.0423,

192.8981, 104.6682

184.7430,
235.8133, 134.5617

■ 16.5430, 26.3843,
6.1402

■ 16.5430, 26.3843,
6.1402

■ 15.5194, 25.8815,
5.0043

■ 17.7822, 26.9874,
7.8493

■ 14.6906, 25.4677,
4.3598

■ 19.2508, 27.6942,
10.1925

■ 14.3396, 25.2915,
4.1260

■ 20.9632, 28.5116,
13.2247

■ 22.9318, 29.4450,
16.9947

■ 25.1682, 30.4995,
21.5465

■ 27.6832, 31.6797,
26.9208

■ 30.4870, 32.9900,
33.1555

■ 33.5891, 34.4346,
40.2862

■ 36.9986, 36.0174,
48.3463

Harmonies

Analogous

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



22.7663, 26.3843, 3.3780



16.5430, 26.3843, 6.1402



13.2014, 26.3843, 15.4730

Triad

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



16.5430, 26.3843, 6.1402



19.8766, 26.3843, 93.3935



43.7725, 26.3843, 22.4221

Complementary

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



16.5430, 26.3843, 6.1402



12.8761, 7.0120, 32.5746

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.



42.5326, 26.3843, 47.9705



16.5430, 26.3843, 6.1402



27.5400, 26.3843, 98.9263

Square

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



16.5430, 26.3843, 6.1402



14.8189, 26.3843, 66.6322



36.1347, 26.3843, 79.1856



39.2286, 26.3843, 8.8860

Rectangle

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



16.5430, 26.3843, 6.1402



12.5320, 26.3843, 27.8333



36.1347, 26.3843, 79.1856



44.0356, 26.3843, 29.6417

Sweetspot

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



16.5436, 26.3854, 6.1408



45.8078, 54.9652, 40.1291



19.4123, 17.5963, 4.2931



9.7642, 11.9463, 8.1713



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.



16.5436, 26.3854, 6.1408



26.7803, 45.8449, 8.1181



13.4049, 24.7507, 6.7465



6.8038, 7.5315, 7.0808



11.6865, 20.5613, 3.3528



0.2562, 0.3920, 0.0622

Inverse Universe

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



12.8761, 7.0120, 32.5746



19.7915, 9.3258, 57.8837



20.0667, 10.7941, 29.5169



6.6323, 6.6145, 8.3338



8.4483, 3.7843, 26.1924



0.1988, 0.0923, 0.4706

Previews

White Background



This preview shows how the XYZ color 16.5430, 26.3843, 6.1402 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 16.5430, 26.3843, 6.1402 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 16.5430, 26.3843, 6.1402

Background



This preview shows how black text looks on a background with the XYZ color 16.5430, 26.3843, 6.1402.



This preview shows how white text looks on a background with the XYZ color 16.5430, 26.3843,

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

16.5430, 26.3843, 6.1402

Protanopia

23.5861, 26.0456, 5.3743

Deuteranopia

26.3975, 25.9955, 6.5321



Tritanopia

22.5138, 26.1522, 36.2090

Trichromacy



Original Color

16.5430, 26.3843, 6.1402

Protanomaly

20.1130, 25.5907, 5.5485

Deuteranomaly

21.4743, 25.3751, 6.2487

Tritanomaly

19.2564, 25.7598, 20.1769

Monochromacy



Original Color

16.5430, 26.3843, 6.1402

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.1513, 21.4802, 13.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5430, 26.3843, 6.1402 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(89, 157, 39)` looks like.

```
.text, #text, p{  
    color:rgb(89, 157, 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(89, 157, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 157, 39) }
```

Border

The CSS property to change the border of an element to XYZ 16.5430, 26.3843, 6.1402 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(89, 157, 39) }
```


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

```
.border{ border-color:rgb(89, 157, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 157, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 157, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 157, 39);  
box-shadow:4px 4px 4px 4px rgb(89, 157,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5430, 26.3843, 6.1402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 157, 39) }
```

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

```
.background{ background-color: rgb(89, 157,  
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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