

Converting Colors

XYZ(16.5047, 25.1073, 9.0830)

Have a look what the booklet for
XYZ(16.5047, 25.1073, 9.0830)
contains.

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Color

**XYZ(16.5260, 25.0740,
9.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9842
RGB	91, 152, 66
RGB Percent	36%, 60%, 26%
CMY	0.6431, 0.4039, 0.7412
CMYK	0.40, 0.00, 0.57, 0.40
HSL	103°, 39%, 43%
HSV	103°, 57%, 60%
XYZ	16.5260, 25.0740, 9.1230
YIQ	123.9570, -8.7500, -39.6780

Conversions

Conversions Part 2

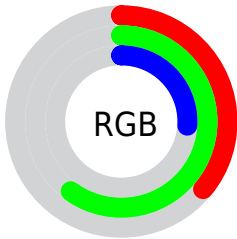
Format	Color
RYB	66, 152, 127
Decimal	6002754
CIELab	57.15, -36.22, 38.60
CIELCh	57, 52.933, 133.179
Yxy	25.0740, 0.3258, 0.4943
Android (android.graphics.Color)	4284192834 (0xFF5B9842)
YUV	123.9570, -28.5728, -28.9033
Hunter-Lab	50.0739, -28.7187, 24.2497

Details

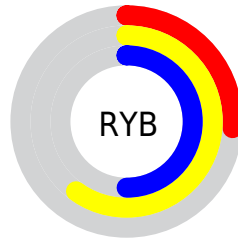
The XYZ color **16.5260, 25.0740, 9.1230** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.3693, 10.6763, 30.9051**, and the grayscale version is **19.2387, 20.2406, 22.0420**.

A 20% lighter version of the original color is **37.1423, 51.9063, 24.5843**, and **5.4063, 9.5421, 2.0088** is the 20% darker color. If you saturate the color by 10%, you get **15.1487, 24.4098, 7.0223**, and if you desaturate by 10%, it is **18.1764, 25.8667, 11.8593**.

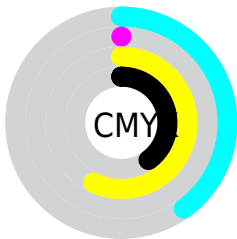
Distribution



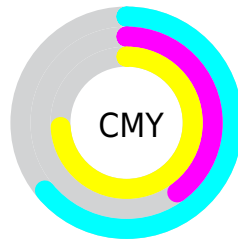
- Red (36%)
- Green (60%)
- Blue (26%)



- Red (26%)
- Yellow (60%)
- Blue (50%)



- Cyan (40%)
- Magenta (0%)
- Yellow (57%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5260, 25.0740, 9.1230 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 16.5260, 25.0740, 9.1230 by changing the saturation by 10% instead.

■ 16.5260, 25.0740,
9.1230

■ 16.5260, 25.0740,
9.1230

225.6357,
278.2063, 194.5446

■ 9.9903, 16.1322,
4.7236

■ 37.0591, 51.7772,
24.7138

■ 5.4548, 9.6177,
2.0301

■ 51.7872, 70.3075,
36.7423

■ 2.5540, 5.1463,
0.5737

■ 69.9769, 92.8026,
52.1509

■ 0.9225, 2.3333,
0.0000

■ 91.9935, 119.6471,
71.3582

■ 0.0000, 0.7913,
0.0000

■ 118.2023,
151.2254, 94.7827

■ 0.0000, 0.0000,
0.0000

148.9687,

187.9217, 122.8428

184.6581,
230.1205, 155.9573

■ 16.5260, 25.0740,
9.1230

■ 16.5260, 25.0740,
9.1230

■ 15.1487, 24.4098,
7.0223

■ 18.1764, 25.8667,
11.8593

■ 14.0264, 23.8637,
5.5042

■ 20.1128, 26.7914,
15.2751

■ 13.1418, 23.4288,
4.5103

■ 22.3494, 27.8551,
19.4123

■ 12.4702, 23.0942,
3.9497

■ 24.8988, 29.0636,
24.3092

■ 12.2753, 22.9971,
3.7919

■ 27.7728, 30.4223,
30.0011

■ 30.9829, 31.9361,
36.5212

■ 34.5397, 33.6101,
43.9008

■ 38.4533, 35.4487,
52.1696

■ 42.7337, 37.4564,
61.3559

Harmonies

Analogous

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



21.1989, 25.0740, 5.6454



16.5260, 25.0740, 9.1230



14.0900, 25.0740, 18.5126

Triad

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



16.5260, 25.0740, 9.1230



20.5245, 25.0740, 75.1972



37.5337, 25.0740, 20.1899

Complementary

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



16.5260, 25.0740, 9.1230



16.3693, 10.6763, 30.9051

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.



37.2670, 25.0740, 38.5066



16.5260, 25.0740, 9.1230



26.6748, 25.0740, 76.3139

Square

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



16.5260, 25.0740, 9.1230



16.1069, 25.0740, 58.2268



33.0253, 25.0740, 60.8246



33.7005, 25.0740, 9.8875

Rectangle

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



16.5260, 25.0740, 9.1230



13.7440, 25.0740, 29.2522



33.0253, 25.0740, 60.8246



37.9381, 25.0740, 25.4392

Sweetspot

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



16.5266, 25.0751, 9.1236



43.5885, 51.1282, 42.2078



21.4198, 22.0428, 8.2804



9.7137, 11.5292, 9.2178



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.



16.5266, 25.0751, 9.1236



26.1504, 42.7988, 11.5608



15.0449, 24.2435, 12.1112



6.2925, 7.0082, 6.6269



10.3198, 19.2959, 3.1806



0.1871, 0.3054, 0.0491

Inverse Universe

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



16.3693, 10.6763, 30.9051



25.7823, 14.7605, 53.9239



19.2572, 12.3162, 24.2113



6.2862, 6.2334, 7.8008



9.9507, 4.5808, 25.2674



0.1843, 0.0868, 0.3794

Previews

White Background



This preview shows how the XYZ color 16.5260, 25.0740, 9.1230 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 16.5260, 25.0740, 9.1230 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 16.5260, 25.0740, 9.1230

Background



This preview shows how black text looks on a background with the XYZ color 16.5260, 25.0740, 9.1230.



This preview shows how white text looks on a background with the XYZ color 16.5260, 25.0740,

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

16.5260, 25.0740, 9.1230

Protanopia

22.7369, 24.9036, 8.0234

Deuteranopia

25.0887, 24.6486, 9.5662



Tritanopia

21.5991, 25.0422, 34.2671

Trichromacy



Original Color

16.5260, 25.0740, 9.1230

Protanomaly

19.7761, 24.4507, 8.3798

Deuteranomaly

20.8414, 24.1081, 9.3492

Tritanomaly

19.1586, 24.7296, 22.1759

Monochromacy



Original Color

16.5260, 25.0740, 9.1230

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.6554, 21.4742, 16.0464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5260, 25.0740, 9.1230 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(91, 152, 66)` looks like.

```
.text, #text, p{  
    color:rgb(91, 152, 66)  
}
```

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(91, 152, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 152, 66) }
```

Border

The CSS property to change the border of an element to XYZ 16.5260, 25.0740, 9.1230 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(91, 152, 66) }
```


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

```
.border{ border-color:rgb(91, 152, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 152, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 152, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 152, 66);  
box-shadow:4px 4px 4px 4px rgb(91, 152,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5260, 25.0740, 9.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 152, 66) }
```

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

```
.background{ background-color: rgb(91, 152,  
66) }
```

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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