

Converting Colors

XYZ(16.2210, 25.3525, 9.2385)

Have a look what the booklet for
XYZ(16.2210, 25.3525, 9.2385)
contains.

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Color

**XYZ(16.2853, 25.4358,
9.2055)**

Conversions

Conversions Part 1

Format	Color
Hex	559A42
RGB	85, 154, 66
RGB Percent	33%, 60%, 26%
CMY	0.6667, 0.3961, 0.7412
CMYK	0.45, 0.00, 0.57, 0.40
HSL	107°, 40%, 43%
HSV	107°, 57%, 60%
XYZ	16.2853, 25.4358, 9.2055
YIQ	123.3370, -12.8760, -41.9960

Conversions

Conversions Part 2

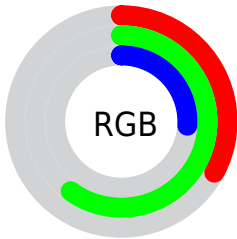
Format	Color
RYB	66, 154, 135
Decimal	5610050
CIELab	57.50, -39.09, 38.94
CIElCh	57, 55.177, 135.111
Yxy	25.4358, 0.3198, 0.4995
Android (android.graphics.Color)	4283800130 (0xFF559A42)
YUV	123.3370, -28.2671, -33.6215
Hunter-Lab	50.4339, -30.6210, 24.4818

Details

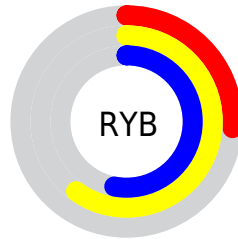
The XYZ color **16.2853, 25.4358, 9.2055** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **17.7737, 11.3811, 31.8331**, and the grayscale version is **19.0323, 20.0235, 21.8056**.

A 20% lighter version of the original color is **36.6588, 52.3743, 25.0067**, and **5.3443, 9.7984, 2.0616** is the 20% darker color. If you saturate the color by 10%, you get **14.8869, 24.7612, 7.0809**, and if you desaturate by 10%, it is **17.9943, 26.2579, 11.9838**.

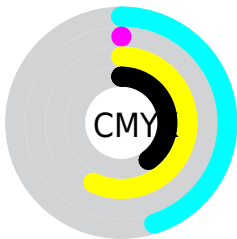
Distribution



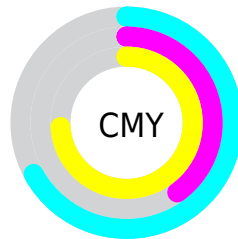
- Red (33%)
- Green (60%)
- Blue (26%)



- Red (26%)
- Yellow (60%)
- Blue (53%)



- Cyan (45%)
- Magenta (0%)
- Yellow (57%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2853, 25.4358, 9.2055 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 16.2853, 25.4358, 9.2055 by changing the saturation by 10% instead.

■ 16.2853, 25.4358,
9.2055

■ 16.2853, 25.4358,
9.2055

224.2568,
280.0014, 195.1778

■ 9.8184, 16.4020,
4.7768

■ 36.6463, 52.3633,
24.8740

■ 5.3401, 9.8091,
2.0605

■ 51.2710, 71.0259,
36.9509

■ 2.4849, 5.2726,
0.5921

■ 69.3458, 93.6669,
52.4143

■ 0.8877, 2.4081,
0.0000

■ 91.2358, 120.6706,
71.6828

■ 0.0000, 0.8300,
0.0000

■ 117.3066,
152.4215, 95.1748

■ 0.0000, 0.0000,
0.0000

147.9235,

189.3040, 123.3090

183.4518,
231.7025, 156.5038

■ 16.2853, 25.4358,
9.2055

■ 16.2853, 25.4358,
9.2055

■ 14.8869, 24.7612,
7.0809

■ 17.9943, 26.2579,
11.9838

■ 13.7777, 24.2221,
5.5550

■ 20.0299, 27.2324,
15.4618

■ 12.9364, 23.8093,
4.5664

■ 22.4091, 28.3680,
19.6831

■ 12.3324, 23.5096,
4.0142

■ 25.1471, 29.6715,
24.6873

■ 12.1913, 23.4396,
3.8818

■ 28.2581, 31.1496,
30.5112

■ 31.7558, 32.8086,
37.1894

■ 35.6530, 34.6542,
44.7543

■ 39.9618, 36.6922,
53.2367

■ 44.6941, 38.9280,
62.6661

Harmonies

Analogous

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



21.0302, 25.4358, 5.3933



16.2853, 25.4358, 9.2055



13.9075, 25.4358, 19.4006

Triad

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



16.2853, 25.4358, 9.2055



21.0732, 25.4358, 79.4346



38.5370, 25.4358, 19.2942

Complementary

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



16.2853, 25.4358, 9.2055



17.7737, 11.3811, 31.8331

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.



38.5542, 25.4358, 38.0700



16.2853, 25.4358, 9.2055



27.6208, 25.4358, 79.3616

Square

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



16.2853, 25.4358, 9.2055



16.3119, 25.4358, 62.0460



34.2753, 25.4358, 61.8768



34.2317, 25.4358, 9.1581

Rectangle

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



16.2853, 25.4358, 9.2055



13.6505, 25.4358, 31.0447



34.2753, 25.4358, 61.8768



39.0669, 25.4358, 24.5959

Sweetspot

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



16.2859, 25.4369, 9.2061



45.5745, 53.8484, 44.6497



22.9655, 24.5738, 8.6874



10.0973, 12.0845, 9.7034



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.



16.2859, 25.4369, 9.2061



26.3332, 44.6352, 11.8499



15.6886, 25.0247, 13.8864



6.2507, 6.9867, 6.6250



9.9583, 19.1095, 3.1637



0.1752, 0.2993, 0.0485

Inverse Universe

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



17.7737, 11.3811, 31.8331



29.2336, 16.4401, 57.1688



19.2424, 12.3538, 22.1634



6.3307, 6.2563, 7.8029



11.1789, 5.2140, 25.3249



0.1962, 0.0929, 0.3800

Previews

White Background



This preview shows how the XYZ color 16.2853, 25.4358, 9.2055 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 16.2853, 25.4358, 9.2055 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 16.2853, 25.4358, 9.2055

Background



This preview shows how black text looks on a background with the XYZ color 16.2853, 25.4358, 9.2055.



This preview shows how white text looks on a background with the XYZ color 16.2853, 25.4358,

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

16.2853, 25.4358, 9.2055

Protanopia

23.0677, 25.2862, 8.0798

Deuteranopia

25.4344, 25.0253, 9.6207



Tritanopia

21.6056, 25.4759, 35.2311

Trichromacy



Original Color

16.2853, 25.4358, 9.2055

Protanomaly

19.7725, 24.8946, 8.4656

Deuteranomaly

20.8193, 24.3107, 9.3895

Tritanomaly

18.9889, 25.0967, 22.5822

Monochromacy



Original Color

16.2853, 25.4358, 9.2055

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.2300, 21.2607, 15.7660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2853, 25.4358, 9.2055 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(85, 154, 66)` looks like.

```
.text, #text, p{  
    color:rgb(85, 154, 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(85, 154, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 154, 66) }
```

Border

The CSS property to change the border of an element to XYZ 16.2853, 25.4358, 9.2055 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(85, 154, 66) }
```


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

```
.border{ border-color:rgb(85, 154, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 154, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 154, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 154, 66);  
box-shadow:4px 4px 4px 4px rgb(85, 154,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2853, 25.4358, 9.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 154, 66) }
```

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

```
.background{ background-color: rgb(85, 154,  
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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