

Converting Colors

XYZ(16.2233, 25.1773, 6.3164)

Have a look what the booklet for
XYZ(16.2233, 25.1773, 6.3164)
contains.

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Color

**XYZ(16.2409, 25.2322,
6.2998)**

Conversions

Conversions Part 1

Format	Color
Hex	5C992B
RGB	92, 153, 43
RGB Percent	36%, 60%, 17%
CMY	0.6392, 0.4000, 0.8314
CMYK	0.40, 0.00, 0.72, 0.40
HSL	93°, 56%, 38%
HSV	93°, 72%, 60%
XYZ	16.2409, 25.2322, 6.2998
YIQ	122.2210, -1.0460, -47.1420

Conversions

Conversions Part 2

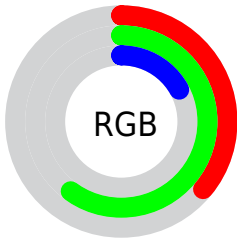
Format	Color
R_{YB}	43, 153, 104
Decimal	6068523
CIE _{Lab}	57.30, -38.50, 49.03
CIE _{LCh}	57, 62.334, 128.140
Yxy	25.2322, 0.3400, 0.5282
Android (android.graphics.Color)	4284258603 (0xFF5C992B)
YUV	122.2210, -39.0560, -26.5038
Hunter-Lab	50.2317, -30.1928, 27.7263

Details

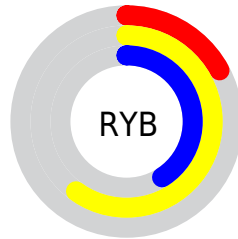
The XYZ color **16.2409, 25.2322, 6.2998** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **12.3238, 6.9715, 30.8345**, and the grayscale version is **18.6956, 19.6692, 21.4198**.

A 20% lighter version of the original color is **36.6541, 52.1410, 18.9588**, and **5.3812, 9.6824, 1.5853** is the 20% darker color. If you saturate the color by 10%, you get **15.2107, 24.7285, 5.0515**, and if you desaturate by 10%, it is **17.4726, 25.8292, 8.1083**.

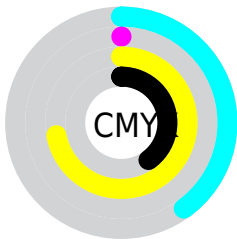
Distribution



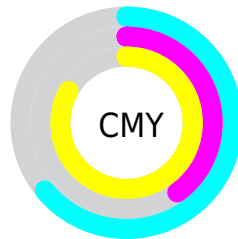
- Red (36%)
- Green (60%)
- Blue (17%)



- Red (17%)
- Yellow (60%)
- Blue (41%)



- Cyan (40%)
- Magenta (0%)
- Yellow (72%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2409, 25.2322, 6.2998 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 16.2409, 25.2322, 6.2998 by changing the saturation by 10% instead.

■ 16.2409, 25.2322,
6.2998

■ 16.2409, 25.2322,
6.2998

224.0016,
278.9923, 171.1157

■ 9.7867, 16.2501,
2.9565

■ 36.5700, 52.0337,
19.0384

■ 5.3189, 9.7013,
1.0725

■ 51.1756, 70.6219,
29.2707

■ 2.4723, 5.2014,
0.0000

■ 69.2291, 93.1809,
42.6365

■ 0.8813, 2.3659,
0.0000

■ 91.0957, 120.0951,
59.5542

■ 0.0000, 0.8083,
0.0000

■ 117.1410,
151.7490, 80.4425

■ 0.0000, 0.0000,
0.0000

■ 147.7301,

188.5269, 105.7198

183.2285,
230.8132, 135.8046

■ 16.2409, 25.2322,
6.2998

■ 16.2409, 25.2322,
6.2998

■ 15.2107, 24.7285,
5.0515

■ 17.4726, 25.8292,
8.1083

■ 14.3646, 24.3081,
4.2957

■ 18.9175, 26.5220,
10.5311

■ 13.7862, 24.0179,
3.9093

■ 20.5884, 27.3168,
13.6178

■ 22.4963, 28.2183,
17.4124

■ 24.6515, 29.2310,
21.9552

■ 27.0636, 30.3591,
27.2835

■ 29.7416, 31.6063,
33.4320

■ 32.6939, 32.9764,
40.4335

■ 35.9289, 34.4729,
48.3187

Harmonies

Analogous

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



22.0283, 25.2322, 3.6819



16.2409, 25.2322, 6.2998



13.0735, 25.2322, 14.9467

Triad

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



16.2409, 25.2322, 6.2998



19.0759, 25.2322, 85.1087



40.9569, 25.2322, 22.1103

Complementary

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



16.2409, 25.2322, 6.2998



12.3238, 6.9715, 30.8345

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.



39.7157, 25.2322, 45.5602



16.2409, 25.2322, 6.2998



26.0489, 25.2322, 90.5627

Square

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



16.2409, 25.2322, 6.2998



14.4611, 25.2322, 61.0035



33.8602, 25.2322, 73.4538



36.9685, 25.2322, 9.2386

Rectangle

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



16.2409, 25.2322, 6.2998



12.4090, 25.2322, 26.1749



33.8602, 25.2322, 73.4538



41.1509, 25.2322, 28.8145

Sweetspot

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



16.2415, 25.2333, 6.3004



43.9256, 52.2437, 38.8418



18.4741, 16.7480, 4.5449



9.4833, 11.4346, 8.1142



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.



16.2415, 25.2333, 6.3004



26.3214, 43.8292, 8.1616



12.9321, 23.5148, 6.7083



6.3803, 7.0535, 6.6310



11.4309, 19.8687, 3.2326



0.2118, 0.3181, 0.0502

Inverse Universe

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



12.3238, 6.9715, 30.8345



18.8356, 9.1316, 54.7418



19.3076, 10.6231, 28.8441



6.1955, 6.1867, 7.7966



7.8760, 3.5113, 25.1703



0.1596, 0.0740, 0.3783

Previews

White Background



This preview shows how the XYZ color 16.2409, 25.2322, 6.2998 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 16.2409, 25.2322, 6.2998 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 16.2409, 25.2322, 6.2998

Background



This preview shows how black text looks on a background with the XYZ color 16.2409, 25.2322, 6.2998.



This preview shows how white text looks on a background with the XYZ color 16.2409, 25.2322,

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

16.2409, 25.2322, 6.2998

Protanopia

22.6383, 24.9078, 5.5340

Deuteranopia

25.3971, 24.8711, 6.7108



Tritanopia

21.8395, 25.1662, 34.2783

Trichromacy



Original Color

16.2409, 25.2322, 6.2998

Protanomaly

19.5655, 24.6234, 5.7291

Deuteranomaly

20.7982, 24.1495, 6.4709

Tritanomaly

18.9505, 24.9071, 19.7283

Monochromacy



Original Color

16.2409, 25.2322, 6.2998

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

16.9189, 20.9449, 13.5070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2409, 25.2322, 6.2998 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(92, 153, 43)` looks like.

```
.text, #text, p{  
    color:rgb(92, 153, 43)  
}
```

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(92, 153, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 153, 43) }
```

Border

The CSS property to change the border of an element to XYZ 16.2409, 25.2322, 6.2998 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(92, 153, 43) }
```


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

```
.border{ border-color:rgb(92, 153, 43) }
```

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

Here you see how a box with a 4 pixel rgb(92, 153, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 153, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 153, 43);  
box-shadow:4px 4px 4px 4px rgb(92, 153,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2409, 25.2322, 6.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 153, 43) }
```

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

```
.background{ background-color: rgb(92, 153,  
43) }
```

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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