

Converting Colors

XYZ(23.6689, 23.6025, 5.1927)

Have a look what the booklet for
XYZ(23.6689, 23.6025, 5.1927)
contains.

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Color

**XYZ(23.6024, 23.5842,
5.2277)**

Conversions

Conversions Part 1

Format	Color
Hex	A58027
RGB	165, 128, 39
RGB Percent	65%, 50%, 15%
CMY	0.3529, 0.4980, 0.8470
CMYK	0.00, 0.22, 0.76, 0.35
HSL	42°, 62%, 40%
HSV	42°, 76%, 65%
XYZ	23.6024, 23.5842, 5.2277
YIQ	128.9170, 50.6210, -19.8350

Conversions

Conversions Part 2

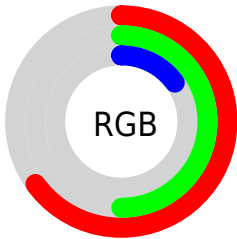
Format	Color
R_{YB}	91, 165, 39
Decimal	10846247
CIE _{Lab}	55.67, 5.36, 50.88
CIE _{LCh}	56, 51.158, 83.990
Yxy	23.5842, 0.4503, 0.4500
Android (android.graphics.Color)	4289036327 (0xFFA58027)
YUV	128.9170, -44.3291, 31.6448
Hunter-Lab	48.5636, 1.7666, 27.6121

Details

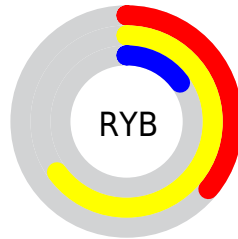
The XYZ color **23.6024, 23.5842, 5.2277** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.2125, 8.3165, 36.6639**, and the grayscale version is **20.9757, 22.0681, 24.0321**.

A 20% lighter version of the original color is **48.8436, 49.4911, 16.8759**, and **9.1027, 8.8432, 1.2271** is the 20% darker color. If you saturate the color by 10%, you get **22.7694, 22.2648, 3.8822**, and if you desaturate by 10%, it is **24.5855, 25.0138, 7.2103**.

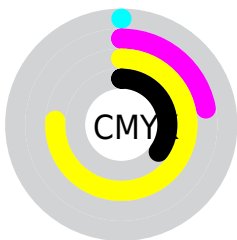
Distribution



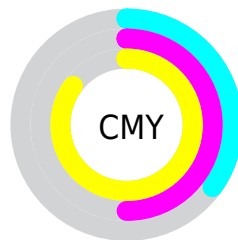
- Red (65%)
- Green (50%)
- Blue (15%)



- Red (36%)
- Yellow (65%)
- Blue (15%)



- Cyan (0%)
- Magenta (22%)
- Yellow (76%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6024, 23.5842, 5.2277 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 23.6024, 23.5842, 5.2277 by changing the saturation by 10% instead.


 23.6024, 23.5842,
5.2277


 23.6024, 23.5842,
5.2277


263.2821,
270.7115, 161.0251


 15.1621, 15.0255,
2.3204


 48.8400, 49.3508,
16.7546


 9.0203, 8.8373,
0.7426


 66.3680, 67.3275,
26.2113

 4.8116, 4.6352,
0.0000

 87.6559, 89.2123,
38.6882

 2.1708, 2.0348,
0.0000

 113.0692,
115.3896, 54.6039

 0.7273, 0.6276,
0.0000

 142.9730,
146.2437, 74.3769

 0.0000, 0.0000,
0.0000

 177.7329,

182.1592, 98.4257

217.7141,
223.5203, 127.1689

■ 23.6024, 23.5842,
5.2277

■ 23.6024, 23.5842,
5.2277

■ 22.7694, 22.2648,
3.8822

■ 24.5855, 25.0138,
7.2103

■ 22.0654, 21.0437,
3.0713

■ 25.7313, 26.5565,
9.9011

■ 21.8262, 20.6179,
2.8293

■ 27.0526, 28.2189,
13.3631

■ 28.5603, 30.0061,
17.6519

■ 30.2643, 31.9226,
22.8178

■ 32.1738, 33.9728,
28.9075

■ 34.2973, 36.1606,
35.9638

■ 36.6429, 38.4899,
44.0274

■ 39.2181, 40.9641,
53.1361

Harmonies

Analogous

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



29.6216, 23.5842, 7.5553



23.6024, 23.5842, 5.2277



18.1862, 23.5842, 6.1723

Triad

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



23.6024, 23.5842, 5.2277



13.7034, 23.5842, 40.9518



32.6852, 23.5842, 49.3649

Complementary

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



23.6024, 23.5842, 5.2277



10.2125, 8.3165, 36.6639

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.



27.2556, 23.5842, 67.2292



23.6024, 23.5842, 5.2277



16.4854, 23.5842, 61.0834

Square

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



23.6024, 23.5842, 5.2277



13.0647, 23.5842, 22.4825



21.2702, 23.5842, 72.2498



35.4155, 23.5842, 29.1653

Rectangle

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



23.6024, 23.5842, 5.2277



15.5369, 23.5842, 8.8890



21.2702, 23.5842, 72.2498



31.0744, 23.5842, 56.1391

Sweetspot

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



23.6029, 23.5854, 5.2282



55.1684, 58.2263, 43.8969



17.5751, 9.9835, 7.9853



11.8143, 12.4601, 8.8243



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.6029, 23.5854, 5.2282



39.8377, 38.2580, 5.8208



24.6028, 32.6145, 6.9183



7.4730, 7.8843, 7.5080



16.5566, 15.6872, 2.1553



0.3856, 0.4051, 0.0579

Inverse Universe

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



10.2125, 8.3165, 36.6639



14.9126, 10.0174, 64.8999



9.6446, 5.2646, 36.1047



6.8621, 7.1831, 8.9279



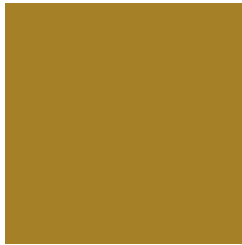
5.9900, 3.7595, 27.3397



0.1648, 0.1570, 0.5875

Previews

White Background



This preview shows how the XYZ color 23.6024, 23.5842, 5.2277 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 23.6024, 23.5842, 5.2277 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 23.6024, 23.5842, 5.2277

Background



This preview shows how black text looks on a background with the XYZ color 23.6024, 23.5842, 5.2277.



This preview shows how white text looks on a background with the XYZ color 23.6024, 23.5842,

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

23.6024, 23.5842, 5.2277

Protanopia

21.5030, 23.6943, 5.5380

Deuteranopia

24.1040, 23.6501, 5.2140



Tritanopia

27.4735, 23.6758, 23.8908

Trichromacy



Original Color

23.6024, 23.5842, 5.2277

Protanomaly

22.1518, 23.6243, 5.3999

Deuteranomaly

23.8919, 23.5407, 5.2040

Tritanomaly

25.5565, 23.4455, 14.2448

Monochromacy



Original Color

23.6024, 23.5842, 5.2277

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.1169, 22.2958, 14.2569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6024, 23.5842, 5.2277 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(165, 128, 39)` looks like.

```
.text, #text, p{  
    color:rgb(165, 128, 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(165, 128, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 128, 39) }
```

Border

The CSS property to change the border of an element to XYZ 23.6024, 23.5842, 5.2277 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(165, 128, 39) }
```


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

```
.border{ border-color:rgb(165, 128, 39) }
```

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

Here you see how a box with a 4 pixel rgb(165, 128, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 128, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 128, 39);  
box-shadow:4px 4px 4px 4px rgb(165, 128,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6024, 23.5842, 5.2277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 128, 39) }
```

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

```
.background{ background-color: rgb(165,  
128, 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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