

Converting Colors

XYZ(23.3723, 23.2447, 5.2117)

Have a look what the booklet for
XYZ(23.3723, 23.2447, 5.2117)
contains.

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Color

**XYZ(23.4726, 23.3246,
5.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	A57F27
RGB	165, 127, 39
RGB Percent	65%, 50%, 15%
CMY	0.3529, 0.5019, 0.8470
CMYK	0.00, 0.23, 0.76, 0.35
HSL	42°, 62%, 40%
HSV	42°, 76%, 65%
XYZ	23.4726, 23.3246, 5.1844
YIQ	128.3300, 50.8960, -19.3120

Conversions

Conversions Part 2

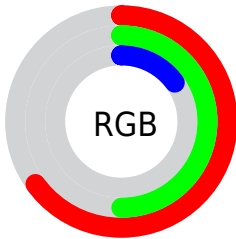
Format	Color
R_{YB}	93, 165, 39
Decimal	10845991
CIE _{Lab}	55.41, 5.92, 50.62
CIE _{LCh}	55, 50.967, 83.334
Yxy	23.3246, 0.4516, 0.4487
Android (android.graphics.Color)	4289036071 (0xFFA57F27)
YUV	128.3300, -44.0397, 32.1596
Hunter-Lab	48.2955, 2.2374, 27.4423

Details

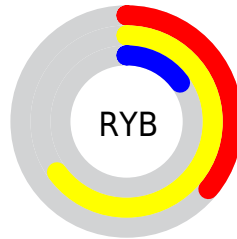
The XYZ color **23.4726, 23.3246, 5.1844** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.2819, 8.4553, 36.6870**, and the grayscale version is **20.7691, 21.8507, 23.7954**.

A 20% lighter version of the original color is **48.3970, 48.6664, 16.5156**, and **9.0311, 8.7000, 1.2033** is the 20% darker color. If you saturate the color by 10%, you get **22.6297, 21.9854, 3.8356**, and if you desaturate by 10%, it is **24.4672, 24.7771, 7.1708**.

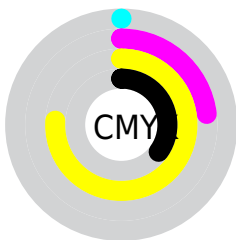
Distribution



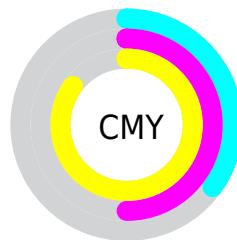
- Red (65%)
- Green (50%)
- Blue (15%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (76%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4726, 23.3246, 5.1844 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 23.4726, 23.3246, 5.1844 by changing the saturation by 10% instead.

■ 23.4726, 23.3246,
5.1844

■ 23.4726, 23.3246,
5.1844

262.6334,
269.3878, 160.5988

■ 15.0655, 14.8334,
2.2952

■ 48.6291, 48.9258,
16.6604

■ 8.9520, 8.7025,
0.7285

■ 66.1093, 66.8045,
26.0843

■ 4.7667, 4.5477,
0.0000

■ 87.3444, 88.5812,
38.5236

■ 2.1444, 1.9844,
0.0000

■ 112.7000,
114.6402, 54.3967

■ 0.7132, 0.5984,
0.0000

■ 142.5413,
145.3660, 74.1223

■ 0.0000, 0.0000,
0.0000

■ 177.2338,

181.1430, 98.1188

217.1427,
222.3554, 126.8047

■ 23.4726, 23.3246,
5.1844

■ 23.4726, 23.3246,
5.1844

■ 22.6297, 21.9854,
3.8356

■ 24.4672, 24.7771,
7.1708

■ 21.9173, 20.7475,
3.0219

■ 25.6261, 26.3460,
9.8660

■ 21.6754, 20.3163,
2.7790

■ 26.9620, 28.0378,
13.3328

■ 28.4861, 29.8578,
17.6270

■ 30.2082, 31.8105,
22.7990

■ 32.1375, 33.9003,
28.8952

■ 34.2826, 36.1313,
35.9588

■ 36.6516, 38.5072,
44.0301

■ 39.2520, 41.0319,
53.1472

Harmonies

Analogous

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



29.4179, 23.3246, 7.5677



23.4726, 23.3246, 5.1844



18.0869, 23.3246, 6.0489

Triad

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



23.4726, 23.3246, 5.1844



13.5164, 23.3246, 40.0502



32.2289, 23.3246, 49.2719

Complementary

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



23.4726, 23.3246, 5.1844



10.2819, 8.4553, 36.6870

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.



26.8240, 23.3246, 66.7629



23.4726, 23.3246, 5.1844



16.2215, 23.3246, 60.0285

Square

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



23.4726, 23.3246, 5.1844



12.9309, 23.3246, 21.9081



20.9152, 23.3246, 71.3726



35.0062, 23.3246, 29.2369

Rectangle

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



23.4726, 23.3246, 5.1844



15.4378, 23.3246, 8.6691



20.9152, 23.3246, 71.3726



30.6187, 23.3246, 55.9410

Sweetspot

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



23.4731, 23.3257, 5.1849



55.0781, 58.0457, 43.8668



17.6502, 10.0135, 8.3809



11.7920, 12.4155, 8.8168



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.



23.4731, 23.3257, 5.1849



39.5762, 37.7351, 5.7336



24.9594, 32.7984, 6.9349



7.4683, 7.8749, 7.5065



16.4431, 15.4602, 2.1175



0.3839, 0.4016, 0.0573

Inverse Universe

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



10.2819, 8.4553, 36.6870



15.0200, 10.2322, 64.9357



9.5101, 5.1952, 36.0985



6.8665, 7.1920, 8.9294



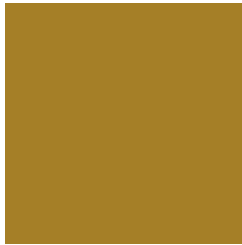
6.0322, 3.8439, 27.3538



0.1664, 0.1600, 0.5880

Previews

White Background



This preview shows how the XYZ color 23.4726, 23.3246, 5.1844 looks on a white background.

Color Contrast Check

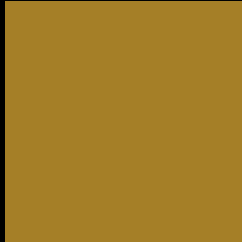
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4726, 23.3246, 5.1844 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 23.4726, 23.3246, 5.1844

Background



This preview shows how black text looks on a background with the XYZ color 23.4726, 23.3246, 5.1844.



This preview shows how white text looks on a background with the XYZ color 23.4726, 23.3246,

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

23.4726, 23.3246, 5.1844

Protanopia

21.1822, 23.3247, 5.4835

Deuteranopia

23.7634, 23.2837, 5.1612



Tritanopia

27.2877, 23.4101, 23.5025

Trichromacy



Original Color

23.4726, 23.3246, 5.1844

Protanomaly

22.0169, 23.3544, 5.3549

Deuteranomaly

23.5529, 23.1752, 5.1513

Tritanomaly

25.4330, 23.1986, 14.2036

Monochromacy



Original Color

23.4726, 23.3246, 5.1844

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.8150, 21.9456, 14.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4726, 23.3246, 5.1844 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, 127, 39)` looks like.

```
.text, #text, p{  
    color:rgb(165, 127, 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, 127, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 127, 39) }
```

Border

The CSS property to change the border of an element to XYZ 23.4726, 23.3246, 5.1844 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, 127, 39) }
```


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

```
.border{ border-color:rgb(165, 127, 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, 127, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 127, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 127, 39);  
box-shadow:4px 4px 4px 4px rgb(165, 127,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4726, 23.3246, 5.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 127, 39) }
```

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

```
.background{ background-color: rgb(165,  
127, 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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