

Converting Colors

XYZ(30.0725, 39.3538, 23.1506)

Have a look what the booklet for
XYZ(30.0725, 39.3538, 23.1506)
contains.

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Color

**XYZ(30.0725, 39.3538,
23.1506)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8AB476 |
| RGB | 138, 180, 118 |
| RGB Percent | 54%, 71%, 46% |
| CMY | 0.4588, 0.2941, 0.5372 |
| CMYK | 0.23, 0.00, 0.34, 0.29 |
| HSL | 101°, 29%, 58% |
| HSV | 101°, 34%, 71% |
| XYZ | 30.0725, 39.3538, 23.1506 |
| YIQ | 160.3740, -5.1300, -28.1860 |

Conversions

Conversions Part 2

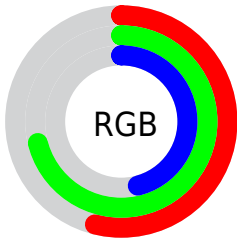
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 118, 180, 160 |
| Decimal | 9090166 |
| CIELab | 69.01, -25.70, 27.19 |
| CIELCh | 69, 37.417, 133.386 |
| Yxy | 39.3538, 0.3248, 0.4251 |
| Android (android.graphics.Color) | 4287280246 (0xFF8AB476) |
| YUV | 160.3740, -20.8904, -19.6220 |
| Hunter-Lab | 62.7326, -24.2135, 22.0327 |

Details

The XYZ color **30.0725, 39.3538, 23.1506** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **29.2156, 23.7269, 46.2221**, and the grayscale version is **33.6823, 35.4364, 38.5903**.

A 20% lighter version of the original color is **59.0844, 74.1376, 49.7240**, and **12.5013, 17.5868, 8.3659** is the 20% darker color. If you saturate the color by 10%, you get **27.1980, 37.9851, 17.9554**, and if you desaturate by 10%, it is **33.3797, 40.9243, 29.4333**.

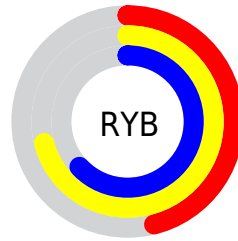
Distribution



Red (54%)

Green (71%)

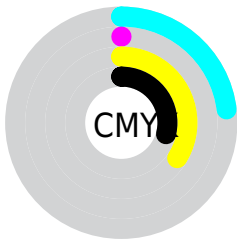
Blue (46%)



Red (46%)

Yellow (71%)

Blue (63%)

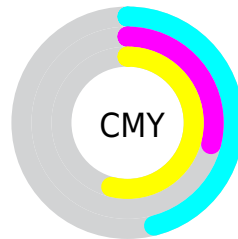


Cyan (23%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (46%)


Magenta (29%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0725, 39.3538, 23.1506 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 30.0725, 39.3538, 23.1506 by changing the saturation by 10% instead.


 30.0725, 39.3538,
23.1506


 30.0725, 39.3538,
23.1506


294.1460,
343.3924, 281.6445

 20.0420, 27.0351,
14.4984


 59.1627, 74.1785,
49.5668

 12.5340, 17.5996,
8.3254


 78.9530, 97.4532,
68.1679

 7.1832, 10.6629,
4.2131


 102.7273,
125.1488, 90.9224

 3.6243, 5.8406,
1.7430

130.8510,
157.6495, 118.2488

 1.4919, 2.7484,
0.3899

163.6893,
195.3399, 150.5657

 0.3203, 1.0018,
0.0000

201.6077,

 0.0000, 0.0000,

238.6042, 188.2916

0.0000

244.9715,
287.8269, 231.8450

■ 30.0725, 39.3538,
23.1506

■ 30.0725, 39.3538,
23.1506

■ 27.1980, 37.9851,
17.9554

■ 33.3797, 40.9243,
29.4333

■ 24.7341, 36.8048,
13.7833

■ 37.1345, 42.6995,
36.8577

■ 22.6612, 35.8052,
10.5673


■ 41.3547, 44.6887,
45.4774


■ 20.9564, 34.9763,
8.2314


■ 46.0560, 46.8988,
55.3422


■ 19.5945, 34.3069,
6.6878


■ 51.2536, 49.3368,
66.4986


 18.5458, 33.7842,
5.8307

 56.9620, 52.0089,
78.9911

 18.0705, 33.5455,
5.5225

 63.1948, 54.9215,
92.8619

 68.8169, 57.6211,
102.1027

 72.9950, 59.7750,
102.2982

Harmonies

Analogous

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



34.8140, 39.3538, 18.1959



30.0725, 39.3538, 23.1506



27.4634, 39.3538, 34.1343

Triad

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



30.0725, 39.3538, 23.1506



34.2229, 39.3538, 82.6183



49.6966, 39.3538, 35.6923

Complementary

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



30.0725, 39.3538, 23.1506



29.2156, 23.7269, 46.2221

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.



49.4949, 39.3538, 52.9349



30.0725, 39.3538, 23.1506



40.1207, 39.3538, 83.3619

Square

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



30.0725, 39.3538, 23.1506



29.6795, 39.3538, 69.5768



45.8410, 39.3538, 71.3988



46.3658, 39.3538, 24.0288

Rectangle

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



30.0725, 39.3538, 23.1506



27.0920, 39.3538, 44.8171



45.8410, 39.3538, 71.3988



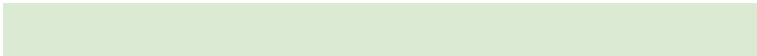
50.0495, 39.3538, 40.9406

Sweetspot

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



30.0735, 39.3555, 23.1515



70.4947, 78.9127, 73.2363



34.5496, 35.9240, 22.2532



15.0114, 16.9498, 15.3714



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.0735, 39.3555, 23.1515



50.6678, 69.5185, 34.9501



27.7120, 38.0632, 26.4244



8.6385, 9.6187, 9.0538



12.6748, 23.4442, 3.8571



0.4614, 0.7699, 0.1243

Inverse Universe

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



29.2156, 23.7269, 46.2221



48.8713, 37.0485, 82.8699



32.5265, 25.5509, 41.0844



8.5782, 8.5066, 10.6961



11.4182, 5.2221, 30.5431



0.4170, 0.1941, 0.9637

Previews

White Background



This preview shows how the XYZ color 30.0725, 39.3538, 23.1506 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.0725, 39.3538, 23.1506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

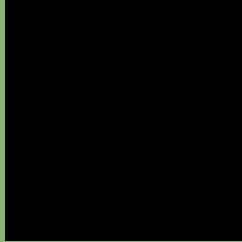
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0725, 39.3538, 23.1506

Background



This preview shows how black text looks on a background with the XYZ color 30.0725, 39.3538, 23.1506.



This preview shows how white text looks on a background with the XYZ color 30.0725, 39.3538,

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

30.0725, 39.3538, 23.1506

Protanopia

36.2747, 39.1426, 21.2662

Deuteranopia

39.8109, 39.0370, 23.8490



Tritanopia

35.9039, 39.3974, 51.6111

Trichromacy



Original Color

30.0725, 39.3538, 23.1506

Protanomaly

33.5729, 38.8498, 21.9489

Deuteranomaly

35.5853, 38.7329, 23.6898

Tritanomaly

33.4400, 39.2529, 39.5323

Monochromacy



Original Color

30.0725, 39.3538, 23.1506

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.8784, 36.3572, 32.1255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0725, 39.3538, 23.1506 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(138, 180, 118)` looks like.

```
.text, #text, p{  
    color:rgb(138, 180, 118)  
}
```

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(138, 180, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 180, 118) }
```

Border

The CSS property to change the border of an element to XYZ 30.0725, 39.3538, 23.1506 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(138, 180, 118) }
```


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

```
.border{ border-color:rgb(138, 180, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 180, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 180, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 180, 118);  
box-shadow:4px 4px 4px 4px rgb(138, 180,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0725, 39.3538, 23.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 180, 118) }
```

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

```
.background{ background-color: rgb(138,  
180, 118) }
```

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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