

Converting Colors

XYZ(26.4071, 36.0070, 22.8987)

Have a look what the booklet for
XYZ(26.4071, 36.0070, 22.8987)
contains.

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Color

**XYZ(26.4055, 35.9849,
23.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	78AF77
RGB	120, 175, 119
RGB Percent	47%, 69%, 47%
CMY	0.5294, 0.3137, 0.5333
CMYK	0.31, 0.00, 0.32, 0.31
HSL	119°, 26%, 58%
HSV	119°, 32%, 69%
XYZ	26.4055, 35.9849, 23.0068
YIQ	152.1710, -14.8040, -29.0760

Conversions

Conversions Part 2

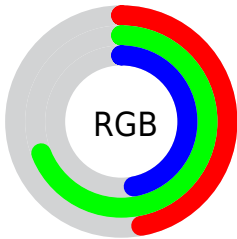
Format	Color
RYB	119, 175, 174
Decimal	7909239
CIELab	66.51, -29.39, 23.13
CIELCh	67, 37.399, 141.790
Yxy	35.9849, 0.3092, 0.4214
Android (android.graphics.Color)	4286099319 (0xFF78AF77)
YUV	152.1710, -16.3533, -28.2140
Hunter-Lab	59.9874, -26.4051, 19.2519

Details

The XYZ color **26.4055, 35.9849, 23.0068** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.7917, 25.2885, 43.7648**, and the grayscale version is **29.9927, 31.5546, 34.3630**.

A 20% lighter version of the original color is **53.4779, 69.1291, 49.5544**, and **10.5193, 15.6265, 8.2561** is the 20% darker color. If you saturate the color by 10%, you get **23.2764, 34.4833, 17.8702**, and if you desaturate by 10%, it is **30.1579, 37.7876, 29.1843**.

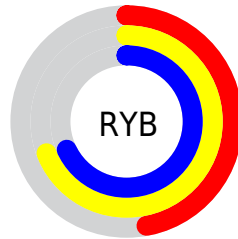
Distribution



Red (47%)

Green (69%)

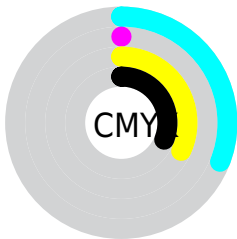
Blue (47%)



Red (47%)

Yellow (69%)

Blue (68%)

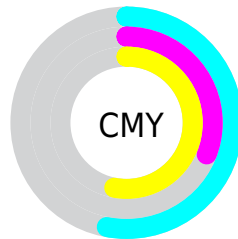


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (31%)



Cyan (53%)


Magenta (31%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4055, 35.9849, 23.0068 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 26.4055, 35.9849, 23.0068 by changing the saturation by 10% instead.


 26.4055, 35.9849,
23.0068


 26.4055, 35.9849,
23.0068


276.9873,
328.8945, 280.8830


 17.2615, 24.4225,
14.3932


 53.3550, 69.0088,
49.3278

 10.5176, 15.6474,
8.2528


 71.8913, 91.2390,
67.8723

 5.8083, 9.2750,
4.1670


 94.2891, 117.7941,
90.5642

 2.7684, 4.9210,
1.7174

120.9136,
149.0583, 117.8220

 1.0325, 2.2010,
0.3726

152.1304,
185.4160, 150.0642

 0.0000, 0.7205,
0.0000

188.3047,

 0.0000, 0.0000,

227.2517, 187.7094

0.0000

229.8019,
274.9498, 231.1761

■ 26.4055, 35.9849,
23.0068

■ 26.4055, 35.9849,
23.0068

■ 23.2764, 34.4833,
17.8702

■ 30.1579, 37.7876,
29.1843

■ 20.7343, 33.2621,
13.7151

■ 34.5619, 39.9016,
36.4531

■ 18.7434, 32.3053,
10.4797


■ 39.6473, 42.3423,
44.8630


■ 17.2629, 31.5934,
8.0940


■ 45.4414, 45.1229,
54.4604


■ 16.2463, 31.1040,
6.4785


■ 51.9698, 48.2555,
65.2888

 15.6388, 30.8110,
5.5383

 59.2570, 51.7518,
77.3896

 15.3698, 30.6815,
5.1120

 67.3262, 55.6232,
90.8023

 74.6207, 59.1413,
102.0902

Harmonies

Analogous

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



30.3515, 35.9849, 16.9219



26.4055, 35.9849, 23.0068



24.5960, 35.9849, 34.9321

Triad

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



26.4055, 35.9849, 23.0068



32.6847, 35.9849, 78.4156



45.2319, 35.9849, 28.7935

Complementary

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



26.4055, 35.9849, 23.0068



31.7917, 25.2885, 43.7648

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.



46.0322, 35.9849, 43.7621



26.4055, 35.9849, 23.0068



38.3663, 35.9849, 75.4503

Square

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



26.4055, 35.9849, 23.0068



27.9531, 35.9849, 68.8239



43.4007, 35.9849, 61.5727



41.3203, 35.9849, 19.5706

Rectangle

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



26.4055, 35.9849, 23.0068



24.6901, 35.9849, 45.8407



43.4007, 35.9849, 61.5727



45.8897, 35.9849, 33.2005

Sweetspot

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



26.4064, 35.9864, 23.0076



63.4683, 72.2135, 67.8807



35.9797, 40.3859, 23.3522



13.8424, 15.9235, 14.6507



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.4064, 35.9864, 23.0076



43.4395, 62.5980, 34.8791



28.0600, 36.6319, 32.4348



7.9172, 8.9459, 8.5228



11.0119, 21.9739, 3.6610



0.3105, 0.6135, 0.1020

Inverse Universe

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



31.7917, 25.2885, 43.7648



54.5198, 40.5810, 77.5963



29.6914, 24.4742, 31.5382



8.3227, 8.1407, 10.0853



17.7116, 8.4905, 29.7498



0.4971, 0.2384, 0.8278

Previews

White Background



This preview shows how the XYZ color 26.4055, 35.9849, 23.0068 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 26.4055, 35.9849, 23.0068 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 26.4055, 35.9849, 23.0068

Background



This preview shows how black text looks on a background with the XYZ color 26.4055, 35.9849, 23.0068.



This preview shows how white text looks on a background with the XYZ color 26.4055, 35.9849,

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

26.4055, 35.9849, 23.0068

Protanopia

33.1811, 35.6807, 20.7610

Deuteranopia

36.2828, 35.6916, 23.7157



Tritanopia

31.5193, 35.7989, 48.9647

Trichromacy



Original Color

26.4055, 35.9849, 23.0068

Protanomaly

30.0572, 35.3803, 21.4645

Deuteranomaly

31.7430, 35.1383, 23.5217

Tritanomaly

29.2987, 35.7301, 37.7001

Monochromacy



Original Color

26.4055, 35.9849, 23.0068

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.1196, 32.6105, 29.6233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4055, 35.9849, 23.0068 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(120, 175, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 175, 119)  
}
```

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(120, 175, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 175, 119) }
```

Border

The CSS property to change the border of an element to XYZ 26.4055, 35.9849, 23.0068 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(120, 175, 119) }
```


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

```
.border{ border-color:rgb(120, 175, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 175, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 175, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 175, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 175,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4055, 35.9849, 23.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 175, 119) }
```

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

```
.background{ background-color: rgb(120,  
175, 119) }
```

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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