

Converting Colors

XYZ(26.5161, 38.6011, 23.7779)

Have a look what the booklet for
XYZ(26.5161, 38.6011, 23.7779)
contains.

XYZ(26.5941, 38.7628, 23.8496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5941, 38.7628,
23.8496)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB878
RGB	107, 184, 120
RGB Percent	42%, 72%, 47%
CMY	0.5804, 0.2784, 0.5294
CMYK	0.42, 0.00, 0.35, 0.28
HSL	130°, 35%, 57%
HSV	130°, 42%, 72%
XYZ	26.5941, 38.7628, 23.8496
YIQ	153.6810, -25.3480, -36.2280

Conversions

Conversions Part 2

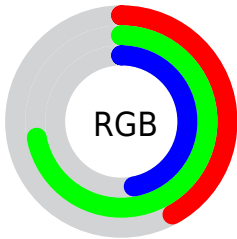
Format	Color
RYB	107, 173, 184
Decimal	7059576
CIELab	68.58, -37.54, 25.27
CIElCh	69, 45.248, 146.055
Yxy	38.7628, 0.2981, 0.4345
Android (android.graphics.Color)	4285249656 (0xFF6BB878)
YUV	153.6810, -16.6047, -40.9392
Hunter-Lab	62.2598, -32.7088, 20.8699

Details

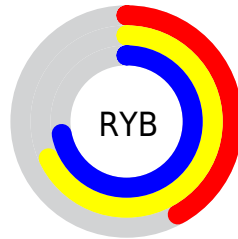
The XYZ color **26.5941, 38.7628, 23.8496** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **32.3769, 23.6469, 41.3876**, and the grayscale version is **30.6546, 32.2510, 35.1214**.

A 20% lighter version of the original color is **53.8984, 73.6091, 50.9024**, and **10.5882, 17.1771, 8.7187** is the 20% darker color. If you saturate the color by 10%, you get **23.7577, 37.4005, 19.2529**, and if you desaturate by 10%, it is **30.0515, 40.4303, 29.2509**.

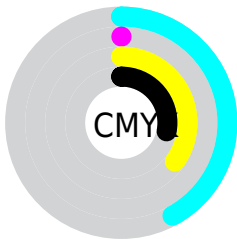
Distribution



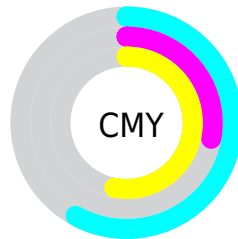
- Red (42%)
- Green (72%)
- Blue (47%)



- Red (42%)
- Yellow (68%)
- Blue (72%)



- Cyan (42%)
- Magenta (0%)
- Yellow (35%)
- Black (28%)





- Cyan (58%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5941, 38.7628, 23.8496 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 26.5941, 38.7628, 23.8496 by changing the saturation by 10% instead.


 26.5941, 38.7628,
23.8496


 26.5941, 38.7628,
23.8496


277.8899,
340.8810, 285.3213


 17.4036, 26.5753,
15.0109


 53.6563, 73.2758,
50.7254


 10.6198, 17.2545,
8.6803


 72.2588, 96.3701,
69.5996

 5.8772, 10.4161,
4.4393


 94.7293, 123.8687,
92.6561

 2.8105, 5.6757,
1.8693

 121.4332,
156.1561, 120.3134

 1.0544, 2.6489,
0.4731

152.7359,
193.6166, 152.9900

 0.0000, 0.9513,
0.0000

189.0027,

 0.0000, 0.0000,

236.6346, 191.1045

0.0000

230.5989,
285.5946, 235.0754

■ 26.5941, 38.7628,
23.8496

■ 26.5941, 38.7628,
23.8496

■ 23.7577, 37.4005,
19.2529

■ 30.0515, 40.4303,
29.2509

■ 21.5021, 36.3202,
15.4199

■ 34.1610, 42.4150,
35.4901

■ 19.7872, 35.5032,
12.3098


■ 38.9550, 44.7339,
42.6017


■ 18.5662, 34.9263,
9.8770


■ 44.4630, 47.4017,
50.6175


■ 17.7841, 34.5623,
8.0709


■ 50.7128, 50.4320,
59.5676

 17.3894, 34.3817,
7.0206

 57.7307, 53.8377,
69.4810

 65.5415, 57.6311,
80.3851

 74.1692, 61.8238,
92.3064

 76.4312, 62.7624,
102.6937

Harmonies

Analogous

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



31.1398, 38.7628, 15.8355



26.5941, 38.7628, 23.8496



24.7818, 38.7628, 39.5607

Triad

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



26.5941, 38.7628, 23.8496



35.9072, 38.7628, 94.7856



50.5921, 38.7628, 27.1944

Complementary

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



26.5941, 38.7628, 23.8496



32.3769, 23.6469, 41.3876

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.



52.2931, 38.7628, 44.9669



26.5941, 38.7628, 23.8496



43.2029, 38.7628, 88.2538

Square

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



26.5941, 38.7628, 23.8496



29.7014, 38.7628, 83.9078



49.4351, 38.7628, 68.1646



45.0461, 38.7628, 17.2834

Rectangle

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



26.5941, 38.7628, 23.8496



25.1697, 38.7628, 54.0310



49.4351, 38.7628, 68.1646



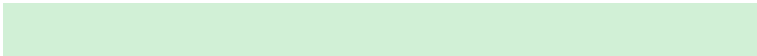
51.6609, 38.7628, 32.2461

Sweetspot

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



26.5951, 38.7644, 23.8505



69.3481, 80.4767, 75.3629



36.6267, 44.0210, 20.4769



14.5230, 17.1425, 15.6165



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.5951, 38.7644, 23.8505



43.5366, 68.0220, 35.6784



29.4054, 39.8885, 38.6491



8.9506, 10.0842, 9.8971



12.0025, 23.7019, 4.9350



0.4424, 0.8433, 0.2754

Inverse Universe

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



32.3769, 23.6469, 41.3876



55.3795, 37.0087, 71.5644



29.2367, 22.3909, 24.8515



9.3141, 9.1360, 11.0013



17.6050, 8.6158, 21.6048



0.6381, 0.3107, 0.8536

Previews

White Background



This preview shows how the XYZ color 26.5941, 38.7628, 23.8496 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 26.5941, 38.7628, 23.8496 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 26.5941, 38.7628, 23.8496

Background



This preview shows how black text looks on a background with the XYZ color 26.5941, 38.7628, 23.8496.



This preview shows how white text looks on a background with the XYZ color 26.5941, 38.7628,

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

26.5941, 38.7628, 23.8496

Protanopia

35.4392, 38.1680, 21.1221

Deuteranopia

39.0374, 38.3580, 24.7484



Tritanopia

32.6503, 38.5152, 54.4285

Trichromacy



Original Color

26.5941, 38.7628, 23.8496



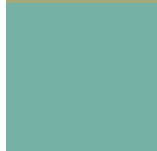
Protanomaly

31.2328, 37.9204, 22.1962



Deuteranomaly

33.0730, 37.6985, 24.2723



Tritanomaly

30.0480, 38.3393, 41.4138

Monochromacy



Original Color

26.5941, 38.7628, 23.8496



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.6541, 34.1816, 30.6787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5941, 38.7628, 23.8496 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(107, 184, 120)` looks like.

```
.text, #text, p{  
    color:rgb(107, 184, 120)  
}
```

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(107, 184, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 184, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.5941, 38.7628, 23.8496 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(107, 184, 120) }
```


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

```
.border{ border-color:rgb(107, 184, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 184, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 184, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 184, 120);  
box-shadow:4px 4px 4px 4px rgb(107, 184,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5941, 38.7628, 23.8496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 184, 120) }
```

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

```
.background{ background-color: rgb(107,  
184, 120) }
```

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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