

Converting Colors

XYZ(26.0771, 38.4008, 22.3166)

Have a look what the booklet for
XYZ(26.0771, 38.4008, 22.3166)
contains.

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Color

**XYZ(26.1789, 38.5830,
22.2871)**

Conversions

Conversions Part 1

Format	Color
Hex	6AB873
RGB	106, 184, 115
RGB Percent	42%, 72%, 45%
CMY	0.5843, 0.2784, 0.5490
CMYK	0.42, 0.00, 0.38, 0.28
HSL	127°, 35%, 57%
HSV	127°, 42%, 72%
XYZ	26.1789, 38.5830, 22.2871
YIQ	152.8120, -24.3390, -37.9950

Conversions

Conversions Part 2

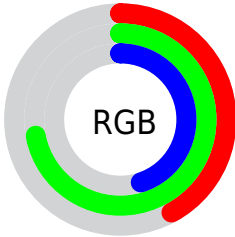
Format	Color
RYB	106, 176, 184
Decimal	6994035
CIELab	68.45, -38.68, 27.73
CIElCh	68, 47.597, 144.362
Yxy	38.5830, 0.3007, 0.4432
Android (android.graphics.Color)	4285184115 (0xFF6AB873)
YUV	152.8120, -18.6413, -41.0541
Hunter-Lab	62.1152, -33.4715, 22.2072

Details

The XYZ color **26.1789, 38.5830, 22.2871** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **32.6604, 23.5944, 43.3918**, and the grayscale version is **30.2834, 31.8605, 34.6961**.

A 20% lighter version of the original color is **53.2211, 73.3148, 48.3919**, and **10.3822, 17.0887, 7.9055** is the 20% darker color. If you saturate the color by 10%, you get **23.3671, 37.2334, 17.6907**, and if you desaturate by 10%, it is **29.6273, 40.2439, 27.7783**.

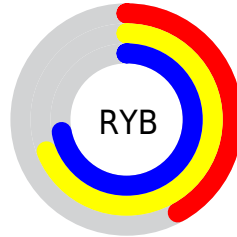
Distribution



Red (42%)

Green (72%)

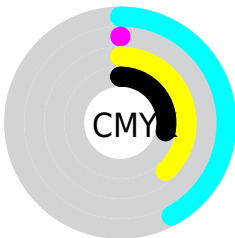
Blue (45%)



Red (42%)

Yellow (69%)

Blue (72%)

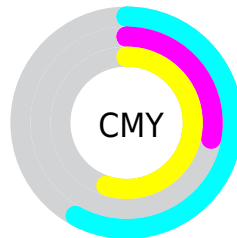


Cyan (42%)

Magenta (0%)

Yellow (38%)

Black (28%)



Cyan (58%)

Magenta (28%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1789, 38.5830, 22.2871 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 26.1789, 38.5830, 22.2871 by changing the saturation by 10% instead.

■ 26.1789, 38.5830,
22.2871

■ 26.1789, 38.5830,
22.2871

275.8998,
340.1143, 277.0442

■ 17.0909, 26.4355,
13.8677

■ 52.9927, 73.0009,
48.1283

■ 10.3950, 17.1497,
7.8910

■ 71.4491, 96.0400,
66.3872

■ 5.7259, 10.3413,
3.9385

■ 93.7592, 123.4784,
88.7630

■ 2.7182, 5.6258,
1.5917

■ 120.2881,
155.7006, 115.6742

■ 1.0066, 2.6189,
0.2849

151.4012,
193.0909, 147.5394

■ 0.0000, 0.9362,
0.0000

187.4640,

■ 0.0000, 0.0000,

236.0336, 184.7771

0.0000

228.8417,
284.9133, 227.8058

■ 26.1789, 38.5830,
22.2871

■ 26.1789, 38.5830,
22.2871

■ 23.3671, 37.2334,
17.6907

■ 29.6273, 40.2439,
27.7783

■ 21.1498, 36.1711,
13.9392

■ 33.7449, 42.2286,
34.2055

■ 19.4848, 35.3765,
10.9820


■ 38.5658, 44.5549,
41.6104


■ 18.3228, 34.8254,
8.7618


■ 44.1208, 47.2380,
50.0315


■ 17.6056, 34.4892,
7.2137

■ 50.4388, 50.2919,
59.5051

 17.2788, 34.3375,
6.4379

 57.5473, 53.7301,
70.0659

 65.4722, 57.5652,
81.7468

 74.2386, 61.8095,
94.5794

 76.4313, 62.7625,
102.6938

Harmonies

Analogous

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



31.0521, 38.5830, 14.5463



26.1789, 38.5830, 22.2871



24.1380, 38.5830, 38.0916

Triad

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



26.1789, 38.5830, 22.2871



35.2769, 38.5830, 97.7953



51.3997, 38.5830, 27.2040

Complementary

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



26.1789, 38.5830, 22.2871



32.6604, 23.5944, 43.3918

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.



52.9319, 38.5830, 46.1890



26.1789, 38.5830, 22.2871



42.9320, 38.5830, 91.8272

Square

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



26.1789, 38.5830, 22.2871



28.9124, 38.5830, 85.1778



49.6500, 38.5830, 70.8781



45.7087, 38.5830, 16.6347

Rectangle

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



26.1789, 38.5830, 22.2871



24.4267, 38.5830, 53.0812



49.6500, 38.5830, 70.8781



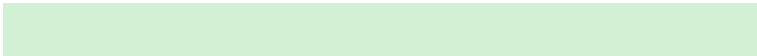
52.4480, 38.5830, 32.5969

Sweetspot

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



26.1799, 38.5846, 22.2880



69.1367, 80.3921, 74.2498



37.6934, 44.5770, 20.2536



14.4713, 17.1218, 15.3443



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.



26.1799, 38.5846, 22.2880



42.6037, 67.6109, 32.4766



28.8187, 39.6402, 36.1840



8.9314, 10.0765, 9.7960



11.9219, 23.6697, 4.5104



0.4342, 0.8400, 0.2322

Inverse Universe

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



32.6604, 23.5944, 43.3918



55.9194, 36.7699, 75.8099



29.4521, 22.3111, 26.4972



9.3351, 9.1444, 11.1120



18.1820, 8.8466, 24.6430



0.6537, 0.3170, 0.9359

Previews

White Background



This preview shows how the XYZ color 26.1789, 38.5830, 22.2871 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 26.1789, 38.5830, 22.2871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

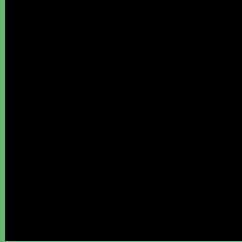
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1789, 38.5830, 22.2871

Background



This preview shows how black text looks on a background with the XYZ color 26.1789, 38.5830, 22.2871.



This preview shows how white text looks on a background with the XYZ color 26.1789, 38.5830,

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

26.1789, 38.5830, 22.2871

Protanopia

35.1654, 38.0584, 19.6800

Deuteranopia

38.8753, 38.0471, 23.3840



Tritanopia

32.5413, 38.4716, 53.8548

Trichromacy



Original Color

26.1789, 38.5830, 22.2871



Protanomaly

30.9497, 37.8071, 20.7052



Deuteranomaly

32.6422, 37.2297, 22.9184



Tritanomaly

29.6444, 38.1624, 39.9861

Monochromacy



Original Color

26.1789, 38.5830, 22.2871



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.0890, 33.6492, 29.4406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1789, 38.5830, 22.2871 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(106, 184, 115)` looks like.

```
.text, #text, p{  
    color:rgb(106, 184, 115)  
}
```

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(106, 184, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 184, 115) }
```

Border

The CSS property to change the border of an element to XYZ 26.1789, 38.5830, 22.2871 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(106, 184, 115) }
```


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

```
.border{ border-color:rgb(106, 184, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 184, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 184, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 184, 115);  
box-shadow:4px 4px 4px 4px rgb(106, 184,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1789, 38.5830, 22.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 184, 115) }
```

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

```
.background{ background-color: rgb(106,  
184, 115) }
```

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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