

Converting Colors

XYZ(26.1379, 34.7019, 19.3362)

Have a look what the booklet for
XYZ(26.1379, 34.7019, 19.3362)
contains.

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Color

**XYZ(26.1188, 34.7766,
19.2459)**

Conversions

Conversions Part 1

Format	Color
Hex	80AB6B
RGB	128, 171, 107
RGB Percent	50%, 67%, 42%
CMY	0.4980, 0.3294, 0.5804
CMYK	0.25, 0.00, 0.37, 0.33
HSL	100°, 28%, 55%
HSV	100°, 37%, 67%
XYZ	26.1188, 34.7766, 19.2459
YIQ	150.8470, -5.0840, -29.0200

Conversions

Conversions Part 2

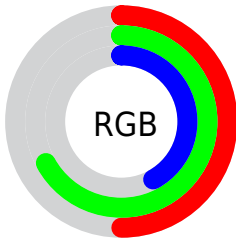
Format	Color
RYB	107, 171, 150
Decimal	8432491
CIELab	65.57, -26.55, 28.40
CIElCh	66, 38.877, 133.063
Yxy	34.7766, 0.3259, 0.4339
Android (android.graphics.Color)	4286622571 (0xFF80AB6B)
YUV	150.8470, -21.6166, -20.0368
Hunter-Lab	58.9717, -24.1421, 21.9304

Details

The XYZ color **26.1188, 34.7766, 19.2459** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.1878, 19.9408, 41.0515**, and the grayscale version is **29.4418, 30.9750, 33.7318**.

A 20% lighter version of the original color is **53.0185, 67.3865, 43.0134**, and **10.3027, 14.8401, 6.3244** is the 20% darker color. If you saturate the color by 10%, you get **23.6754, 33.6119, 14.8908**, and if you desaturate by 10%, it is **28.9377, 36.1164, 24.5487**.

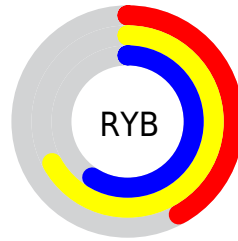
Distribution



Red (50%)

Green (67%)

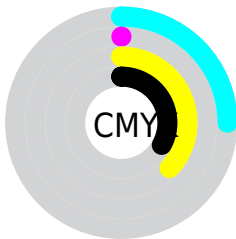
Blue (42%)



Red (42%)

Yellow (67%)

Blue (59%)

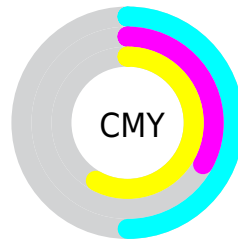


Cyan (25%)

Magenta (0%)

Yellow (37%)

Black (33%)



Cyan (50%)


Magenta (33%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1188, 34.7766, 19.2459 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 26.1188, 34.7766, 19.2459 by changing the saturation by 10% instead.


 26.1188, 34.7766,
19.2459

 26.1188, 34.7766,
19.2459


275.6108,
323.5812, 260.2707


 17.0457, 23.4908,
11.6695


 52.8965, 67.1395,
42.9914


 10.3626, 14.9564,
6.3992


 71.3317, 88.9855,
59.9976

 5.7041, 8.7888,
3.0166


 93.6184, 115.1203,
80.9841

 2.7050, 4.6037,
1.1031

 120.1219,
145.9284, 106.3695

 0.9997, 2.0166,
0.0000

151.2075,
181.7941, 136.5724

 0.0000, 0.6171,
0.0000

187.2407,

 0.0000, 0.0000,

223.1019, 172.0111

0.0000

228.5866,
270.2361, 213.1044

■ 26.1188, 34.7766,
19.2459

■ 26.1188, 34.7766,
19.2459

■ 23.6754, 33.6119,
14.8908

■ 28.9377, 36.1164,
24.5487

■ 21.5877, 32.6102,
11.4254

■ 32.1453, 37.6339,
30.8483

■ 19.8382, 31.7648,
8.7888


■ 35.7573, 39.3371,
38.1930


■ 18.4064, 31.0668,
6.9113


■ 39.7879, 41.2325,
46.6272

■ 17.2693, 30.5060,
5.7121


■ 44.2504, 43.3259,
56.1929


 16.3949, 30.0686,
5.0661

 49.1576, 45.6231,
66.9299

 16.2003, 29.9711,
4.9312

 54.5217, 48.1295,
78.8759

 60.3544, 50.8504,
92.0670

 65.7014, 53.4047,
101.4530

Harmonies

Analogous

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



30.6374, 34.7766, 14.7751



26.1188, 34.7766, 19.2459



23.6359, 34.7766, 29.4352

Triad

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



26.1188, 34.7766, 19.2459



29.9619, 34.7766, 76.5469



44.9260, 34.7766, 31.2028

Complementary

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



26.1188, 34.7766, 19.2459



25.1878, 19.9408, 41.0515

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.



44.6911, 34.7766, 47.7696



26.1188, 34.7766, 19.2459



35.5947, 34.7766, 77.4286

Square

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



26.1188, 34.7766, 19.2459



25.6734, 34.7766, 63.6071



41.1198, 34.7766, 65.7515



41.7289, 34.7766, 20.2177

Rectangle

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



26.1188, 34.7766, 19.2459



23.2701, 34.7766, 39.5686



41.1198, 34.7766, 65.7515



45.2557, 34.7766, 36.2125

Sweetspot

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



26.1197, 34.7781, 19.2467



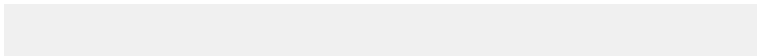
61.5127, 69.2583, 63.2181



30.3032, 31.4275, 18.3794



13.5275, 15.3553, 13.7108



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.1197, 34.7781, 19.2467



43.0690, 60.5144, 27.8285



23.8777, 33.5534, 22.2546



8.1428, 9.0622, 8.5334



12.2623, 22.6185, 3.7195



0.3997, 0.6594, 0.1062

Inverse Universe

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



25.1878, 19.9408, 41.0515



41.1367, 30.0205, 72.6283



28.4281, 21.7241, 36.1073



8.0778, 8.0144, 10.0739



10.9183, 4.9884, 29.4319



0.3581, 0.1668, 0.8213

Previews

White Background



This preview shows how the XYZ color 26.1188, 34.7766, 19.2459 looks on a white background.

Color Contrast Check

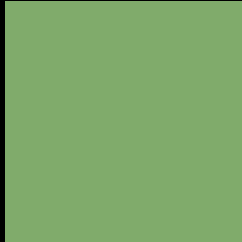
Large Text (above 18pt) WCAG AA × Fail

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 26.1188, 34.7766, 19.2459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

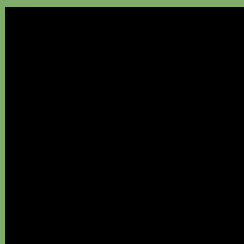
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1188, 34.7766, 19.2459

Background



This preview shows how black text looks on a background with the XYZ color 26.1188, 34.7766, 19.2459.



This preview shows how white text looks on a background with the XYZ color 26.1188, 34.7766,

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

26.1188, 34.7766, 19.2459

Protanopia

32.0300, 34.6398, 17.5684

Deuteranopia

35.0837, 34.4230, 19.8341



Tritanopia

31.5811, 34.8179, 46.1303

Trichromacy



Original Color

26.1188, 34.7766, 19.2459

Protanomaly

29.5005, 34.3620, 18.1744

Deuteranomaly

31.1490, 34.1376, 19.6993

Tritanomaly

29.2138, 34.6577, 34.4280

Monochromacy



Original Color

26.1188, 34.7766, 19.2459

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.9277, 32.0426, 27.6346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1188, 34.7766, 19.2459 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(128, 171, 107)` looks like.

```
.text, #text, p{  
    color:rgb(128, 171, 107)  
}
```

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(128, 171, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 171, 107) }
```

Border

The CSS property to change the border of an element to XYZ 26.1188, 34.7766, 19.2459 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(128, 171, 107) }
```


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

```
.border{ border-color:rgb(128, 171, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 171, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 171, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 171, 107);  
box-shadow:4px 4px 4px 4px rgb(128, 171,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1188, 34.7766, 19.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 171, 107) }
```

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

```
.background{ background-color: rgb(128,  
171, 107) }
```

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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