

Converting Colors

XYZ(19.4334, 26.6159, 8.1605)

Have a look what the booklet for
XYZ(19.4334, 26.6159, 8.1605)
contains.

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Color

**XYZ(19.4632, 26.6135,
8.1141)**

Conversions

Conversions Part 1

Format	Color
Hex	76983A
RGB	118, 152, 58
RGB Percent	46%, 60%, 23%
CMY	0.5373, 0.4039, 0.7725
CMYK	0.22, 0.00, 0.62, 0.40
HSL	82°, 45%, 41%
HSV	82°, 62%, 60%
XYZ	19.4632, 26.6135, 8.1141
YIQ	131.1180, 9.9100, -36.4420

Conversions

Conversions Part 2

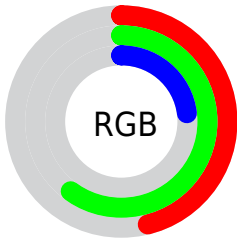
Format	Color
RYB	58, 152, 92
Decimal	7772218
CIELab	58.61, -26.91, 44.48
CIElCh	59, 51.987, 121.168
Yxy	26.6135, 0.3592, 0.4911
Android (android.graphics.Color)	4285962298 (0xFF76983A)
YUV	131.1180, -36.0472, -11.5045
Hunter-Lab	51.5883, -22.9351, 26.7863

Details

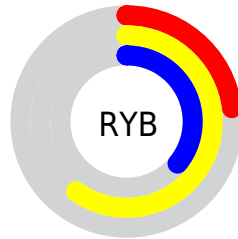
The XYZ color **19.4632, 26.6135, 8.1141** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.5952, 7.5691, 30.5571**, and the grayscale version is **21.7386, 22.8707, 24.9061**.

A 20% lighter version of the original color is **41.8449, 54.0174, 22.6889**, and **6.9059, 10.4678, 1.6852** is the 20% darker color. If you saturate the color by 10%, you get **18.4073, 26.1083, 6.3358**, and if you desaturate by 10%, it is **20.6781, 27.1892, 10.4969**.

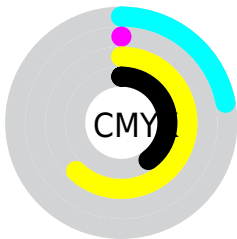
Distribution



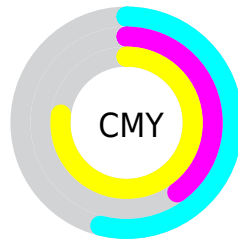
- Red (46%)
- Green (60%)
- Blue (23%)



- Red (23%)
- Yellow (60%)
- Blue (36%)



- Cyan (22%)
- Magenta (0%)
- Yellow (62%)
- Black (40%)



- Cyan (54%)
- Magenta (40%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4632, 26.6135, 8.1141 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 19.4632, 26.6135, 8.1141 by changing the saturation by 10% instead.

■ 19.4632, 26.6135,
8.1141

■ 19.4632, 26.6135,
8.1141

241.8834,
285.7809, 186.5921

■ 12.1114, 17.2832,
4.0792

■ 42.0262, 54.2630,
22.7317

■ 6.8924, 10.4366,
1.6689

■ 57.9681, 73.3510,
34.1515

■ 3.4406, 5.6894,
0.3393

■ 77.5042, 96.4603,
48.8700

■ 1.3908, 2.6571,
0.0000

■ 100.9997,
123.9754, 67.3057

■ 0.2497, 0.9555,
0.0000

■ 128.8200,
156.2806, 89.8773

■ 0.0000, 0.0000,
0.0000

■ 161.3305,

193.7603, 117.0032

198.8965,
236.7989, 149.1019

■ 19.4632, 26.6135,
8.1141

■ 19.4632, 26.6135,
8.1141

■ 18.4073, 26.1083,
6.3358

■ 20.6781, 27.1892,
10.4969

■ 17.4975, 25.6655,
5.1055

■ 22.0599, 27.8358,
13.5306

■ 16.7212, 25.2811,
4.3593

■ 23.6181, 28.5582,
17.2589

■ 16.1605, 25.0000,
3.9737

■ 25.3611, 29.3598,
21.7215

■ 27.2963, 30.2436,
26.9549

■ 29.4309, 31.2125,
32.9931

■ 31.7716, 32.2695,
39.8683

■ 34.3248, 33.4170,
47.6107

■ 37.0966, 34.6576,
56.2492

Harmonies

Analogous

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



25.0462, 26.6135, 6.1341



19.4632, 26.6135, 8.1141



15.9994, 26.6135, 15.1232

Triad

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



19.4632, 26.6135, 8.1141



19.8290, 26.6135, 71.9332



39.6479, 26.6135, 28.2676

Complementary

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



19.4632, 26.6135, 8.1141



11.5952, 7.5691, 30.5571

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.



37.6346, 26.6135, 49.4350



19.4632, 26.6135, 8.1141



25.5461, 26.6135, 80.2019

Square

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



19.4632, 26.6135, 8.1141



16.1843, 26.6135, 51.2266



32.1896, 26.6135, 70.6287



37.3098, 26.6135, 14.3336

Rectangle

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



19.4632, 26.6135, 8.1141



15.0073, 26.6135, 23.9113



32.1896, 26.6135, 70.6287



39.4554, 26.6135, 34.7132

Sweetspot

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



19.4638, 26.6147, 8.1147



45.5747, 52.1922, 40.4927



17.4461, 14.4469, 5.8724



10.1610, 11.7721, 8.6797



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.4638, 26.6147, 8.1147



31.8826, 45.7878, 10.2954



14.6728, 24.1448, 7.8905



6.4921, 7.1111, 6.6363



13.5842, 20.9788, 3.3334



0.2426, 0.3340, 0.0517

Inverse Universe

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



11.5952, 7.5691, 30.5571



16.8536, 9.2934, 53.3392



17.6462, 10.6886, 30.8403



6.0849, 6.1296, 7.7914



6.1039, 2.5977, 25.0874



0.1288, 0.0582, 0.3768

Previews

White Background



This preview shows how the XYZ color 19.4632, 26.6135, 8.1141 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4632, 26.6135, 8.1141 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 × Fail

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

XYZ 19.4632, 26.6135, 8.1141

Background



This preview shows how black text looks on a background with the XYZ color 19.4632, 26.6135, 8.1141.



This preview shows how white text looks on a background with the XYZ color 19.4632, 26.6135,

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

19.4632, 26.6135, 8.1141

Protanopia

24.1191, 26.4937, 7.4570

Deuteranopia

26.8779, 26.4077, 8.3832



Tritanopia

24.7117, 26.4249, 34.3699

Trichromacy



Original Color

19.4632, 26.6135, 8.1141

Protanomaly

22.1669, 26.3760, 7.6641

Deuteranomaly

23.6936, 26.2567, 8.2341

Tritanomaly

22.2128, 26.3253, 21.3633

Monochromacy



Original Color

19.4632, 26.6135, 8.1141

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.3355, 23.9003, 16.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4632, 26.6135, 8.1141 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(118, 152, 58)` looks like.

```
.text, #text, p{  
    color:rgb(118, 152, 58)  
}
```

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(118, 152, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 152, 58) }
```

Border

The CSS property to change the border of an element to XYZ 19.4632, 26.6135, 8.1141 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(118, 152, 58) }
```


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

```
.border{ border-color:rgb(118, 152, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 152, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 152, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 152, 58);  
box-shadow:4px 4px 4px 4px rgb(118, 152,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4632, 26.6135, 8.1141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 152, 58) }
```

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

```
.background{ background-color: rgb(118,  
152, 58) }
```

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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