

Converting Colors

XYZ(19.0572, 26.8668, 9.7706)

Have a look what the booklet for
XYZ(19.0572, 26.8668, 9.7706)
contains.

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Color

**XYZ(19.0602, 26.8559,
9.8093)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9A45
RGB	110, 154, 69
RGB Percent	43%, 60%, 27%
CMY	0.5686, 0.3961, 0.7294
CMYK	0.29, 0.00, 0.55, 0.40
HSL	91°, 38%, 44%
HSV	91°, 55%, 60%
XYZ	19.0602, 26.8559, 9.8093
YIQ	131.1540, 1.0610, -35.7630

Conversions

Conversions Part 2

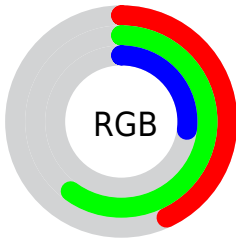
Format	Color
RYB	69, 154, 113
Decimal	7248453
CIELab	58.84, -29.93, 39.38
CIELCh	59, 49.459, 127.235
Yxy	26.8559, 0.3420, 0.4819
Android (android.graphics.Color)	4285438533 (0xFF6E9A45)
YUV	131.1540, -30.6419, -18.5521
Hunter-Lab	51.8227, -25.0380, 25.0531

Details

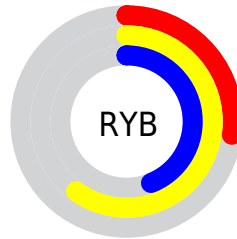
The XYZ color **19.0602, 26.8559, 9.8093** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.7720, 10.1008, 31.7445**, and the grayscale version is **21.7350, 22.8669, 24.9020**.

A 20% lighter version of the original color is **41.5005, 54.8495, 26.1690**, and **6.7127, 10.6471, 2.3174** is the 20% darker color. If you saturate the color by 10%, you get **17.6953, 26.2014, 7.5659**, and if you desaturate by 10%, it is **20.6397, 27.6084, 12.7115**.

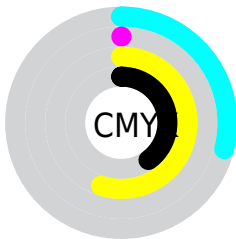
Distribution



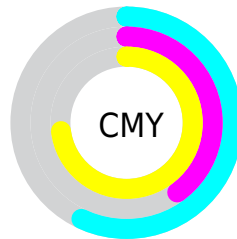
- Red (43%)
- Green (60%)
- Blue (27%)



- Red (27%)
- Yellow (60%)
- Blue (44%)



- Cyan (29%)
- Magenta (0%)
- Yellow (55%)
- Black (40%)



- Cyan (57%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0602, 26.8559, 9.8093 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 19.0602, 26.8559, 9.8093 by changing the saturation by 10% instead.

■ 19.0602, 26.8559,
9.8093

■ 19.0602, 26.8559,
9.8093

239.7126,
286.9587, 199.7407

■ 11.8180, 17.4650,
5.1688

■ 41.3519, 54.6525,
26.0384

■ 6.6912, 10.5666,
2.2861

■ 57.1321, 73.8271,
38.4640

■ 3.3144, 5.7762,
0.7234

■ 76.4891, 97.0317,
54.3217

■ 1.3221, 2.7095,
0.0000

■ 99.7882, 124.6507,
74.0300

■ 0.1997, 0.9820,
0.0000

■ 127.3947,
157.0685, 98.0076

■ 0.0000, 0.0000,
0.0000

159.6741,

194.6695, 126.6728

196.9916,
237.8381, 160.4443

■ 19.0602, 26.8559,
9.8093

■ 19.0602, 26.8559,
9.8093

■ 17.6953, 26.2014,
7.5659

■ 20.6397, 27.6084,
12.7115

■ 16.5311, 25.6362,
5.9278

■ 22.4430, 28.4601,
16.3171

■ 15.5542, 25.1558,
4.8360

■ 24.4808, 29.4164,
20.6687

■ 14.7477, 24.7530,
4.2130

■ 26.7625, 30.4814,
25.8051

■ 14.4018, 24.5793,
3.9852

■ 29.2971, 31.6588,
31.7623

■ 32.0930, 32.9522,
38.5743

■ 35.1580, 34.3651,
46.2730

■ 38.4998, 35.9006,
54.8886

■ 42.1257, 37.5619,
64.4501

Harmonies

Analogous

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



24.0755, 26.8559, 6.9607



19.0602, 26.8559, 9.8093



16.1579, 26.8559, 18.0647

Triad

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



19.0602, 26.8559, 9.8093



21.2468, 26.8559, 72.4967



39.0345, 26.8559, 25.2079

Complementary

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



19.0602, 26.8559, 9.8093



14.7720, 10.1008, 31.7445

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.



37.9547, 26.8559, 44.2779



19.0602, 26.8559, 9.8093



27.0331, 26.8559, 76.8904

Square

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



19.0602, 26.8559, 9.8093



17.2728, 26.8559, 54.6711



33.3094, 26.8559, 65.0129



36.0608, 26.8559, 13.2496

Rectangle

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



19.0602, 26.8559, 9.8093



15.5028, 26.8559, 27.6493



33.3094, 26.8559, 65.0129



39.1405, 26.8559, 30.8937

Sweetspot

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



19.0608, 26.8571, 9.8099



47.6861, 54.9369, 44.7485



20.2975, 19.0924, 8.2460



10.6170, 12.3524, 9.7277



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.0608, 26.8571, 9.8099



31.6633, 47.3626, 13.0211



15.1293, 24.8252, 9.8582



6.4015, 7.0644, 6.6320



11.7739, 20.0456, 3.2486



0.2177, 0.3212, 0.0505

Inverse Universe

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



14.7720, 10.1008, 31.7445



23.0621, 13.7780, 56.9802



21.1710, 13.4131, 31.4315



6.1742, 6.1757, 7.7956



7.4699, 3.3019, 25.1513



0.1537, 0.0710, 0.3780

Previews

White Background



This preview shows how the XYZ color 19.0602, 26.8559, 9.8093 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 19.0602, 26.8559, 9.8093 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 19.0602, 26.8559, 9.8093

Background



This preview shows how black text looks on a background with the XYZ color 19.0602, 26.8559, 9.8093.



This preview shows how white text looks on a background with the XYZ color 19.0602, 26.8559,

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

19.0602, 26.8559, 9.8093

Protanopia

24.1893, 26.4993, 8.8410

Deuteranopia

26.9947, 26.4288, 10.1571



Tritanopia

24.2945, 26.8621, 35.3569

Trichromacy



Original Color

19.0602, 26.8559, 9.8093

Protanomaly

21.9097, 26.4401, 9.1029

Deuteranomaly

23.2723, 26.0017, 9.9231

Tritanomaly

21.6992, 26.4866, 23.0375

Monochromacy



Original Color

19.0602, 26.8559, 9.8093

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.1078, 23.7589, 17.7135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0602, 26.8559, 9.8093 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(110, 154, 69)` looks like.

```
.text, #text, p{  
    color:rgb(110, 154, 69)  
}
```

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(110, 154, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 154, 69) }
```

Border

The CSS property to change the border of an element to XYZ 19.0602, 26.8559, 9.8093 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(110, 154, 69) }
```


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

```
.border{ border-color:rgb(110, 154, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 154, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 154, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 154, 69);  
box-shadow:4px 4px 4px 4px rgb(110, 154,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0602, 26.8559, 9.8093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 154, 69) }
```

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

```
.background{ background-color: rgb(110,  
154, 69) }
```

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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