

Converting Colors

XYZ(19.7489, 26.3118, 18.4680)

Have a look what the booklet for
XYZ(19.7489, 26.3118, 18.4680)
contains.

XYZ(19.7708, 26.3015, 18.5027)	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(19.7708, 26.3015,
18.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	6A976D
RGB	106, 151, 109
RGB Percent	42%, 59%, 43%
CMY	0.5843, 0.4078, 0.5725
CMYK	0.30, 0.00, 0.28, 0.41
HSL	124°, 18%, 50%
HSV	124°, 30%, 59%
XYZ	19.7708, 26.3015, 18.5027
YIQ	132.7570, -13.3380, -22.6020

Conversions

Conversions Part 2

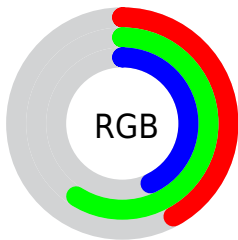
Format	Color
RYB	106, 148, 151
Decimal	6985581
CIELab	58.32, -24.10, 17.36
CIELCh	58, 29.703, 144.228
Yxy	26.3015, 0.3062, 0.4073
Android (android.graphics.Color)	4285175661 (0xFF6A976D)
YUV	132.7570, -11.7122, -23.4659
Hunter-Lab	51.2850, -20.9355, 14.5087

Details

The XYZ color **19.7708, 26.3015, 18.5027** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.2627, 19.0261, 30.4644**, and the grayscale version is **22.2512, 23.4100, 25.4935**.

A 20% lighter version of the original color is **42.3649, 53.5050, 41.8128**, and **7.0868, 10.3211, 6.0335** is the 20% darker color. If you saturate the color by 10%, you get **17.4331, 25.1779, 14.7456**, and if you desaturate by 10%, it is **22.5476, 27.6389, 22.9166**.

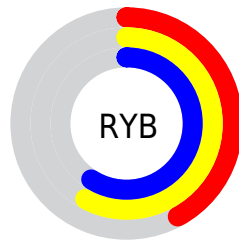
Distribution



Red (42%)

Green (59%)

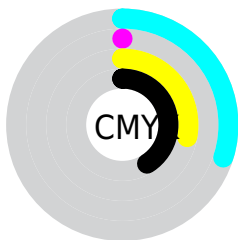
Blue (43%)



Red (42%)

Yellow (58%)

Blue (59%)

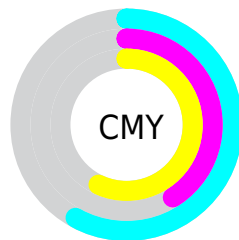


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7708, 26.3015, 18.5027 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 19.7708, 26.3015, 18.5027 by changing the saturation by 10% instead.

■ 19.7708, 26.3015,
18.5027

■ 19.7708, 26.3015,
18.5027

243.5289,
284.2590, 256.0200

■ 12.3358, 17.0493,
11.1383

■ 42.5395, 53.7609,
41.7175

■ 7.0467, 10.2697,
6.0446

■ 58.6039, 72.7370,
58.4050

■ 3.5379, 5.5781,
2.8030

■ 78.2755, 95.7232,
79.0374

■ 1.4442, 2.5903,
0.9949

■ 101.9196,
123.1038, 104.0331

■ 0.2874, 0.9218,
0.0000

129.9017,
155.2633, 133.8106

■ 0.0000, 0.0000,
0.0000

162.5870,

192.5861, 168.7886

200.3410,
235.4565, 209.3856

■ 19.7708, 26.3015,
18.5027

■ 19.7708, 26.3015,
18.5027

■ 17.4331, 25.1779,
14.7456

■ 22.5476, 27.6389,
22.9166

■ 15.5100, 24.2539,
11.6122

■ 25.7821, 29.1969,
28.0146

■ 13.9779, 23.5187,
9.0693

■ 29.4946, 30.9860,
33.8248

■ 12.8099, 22.9594,
7.0799

■ 33.7032, 33.0151,
40.3730

■ 11.9758, 22.5612,
5.6028

■ 38.4254, 35.2925,
47.6838

■ 11.4402, 22.3070,
4.5911

■ 43.6777, 37.8264,
55.7809

■ 11.1275, 22.1588,
3.9877

■ 49.4759, 40.6243,
64.6865

■ 11.1223, 22.1563,
3.9795

■ 55.8350, 43.6937,
74.4222

■ 62.7696, 47.0414,
85.0089

Harmonies

Analogous

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



22.2525, 26.3015, 14.0457



19.7708, 26.3015, 18.5027



18.6991, 26.3015, 26.6813

Triad

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



19.7708, 26.3015, 18.5027



24.3059, 26.3015, 53.3721



31.8912, 26.3015, 21.2184

Complementary

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



19.7708, 26.3015, 18.5027



23.2627, 19.0261, 30.4644

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.



32.5749, 26.3015, 30.6878



19.7708, 26.3015, 18.5027



27.9622, 26.3015, 50.9076

Square

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



19.7708, 26.3015, 18.5027



21.1503, 26.3015, 48.0246



31.0756, 26.3015, 41.9278



29.2879, 26.3015, 15.3285

Rectangle

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



19.7708, 26.3015, 18.5027



18.8461, 26.3015, 33.8165



31.0756, 26.3015, 41.9278



32.3630, 26.3015, 24.0169

Sweetspot

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



19.7715, 26.3026, 18.5033



46.5588, 52.4728, 50.7779



25.8820, 29.4710, 17.9603



10.3909, 11.8342, 11.2407



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.



19.7715, 26.3026, 18.5033



32.4283, 45.6699, 28.3580



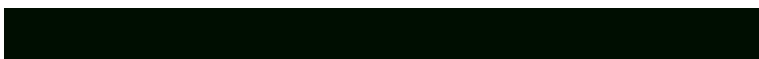
21.1420, 26.8508, 25.7200



6.1480, 6.9319, 6.7030



9.4659, 18.8498, 3.4080



0.1454, 0.2834, 0.0714

Inverse Universe

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



23.2627, 19.0261, 30.4644



39.7483, 30.4084, 53.4330



21.6510, 18.3814, 21.9774



6.4434, 6.3165, 7.7152



14.9473, 7.2331, 22.0451



0.2281, 0.1100, 0.3538

Previews

White Background



This preview shows how the XYZ color 19.7708, 26.3015, 18.5027 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 19.7708, 26.3015, 18.5027 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 19.7708, 26.3015, 18.5027

Background



This preview shows how black text looks on a background with the XYZ color 19.7708, 26.3015, 18.5027.



This preview shows how white text looks on a background with the XYZ color 19.7708, 26.3015,

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

19.7708, 26.3015, 18.5027

Protanopia

24.4545, 26.2397, 16.8726

Deuteranopia

26.4060, 25.9238, 19.2348



Tritanopia

23.1964, 26.2959, 35.3055

Trichromacy



Original Color

19.7708, 26.3015, 18.5027

Protanomaly

22.4063, 26.0555, 17.4839

Deuteranomaly

23.4580, 25.6768, 19.0490

Tritanomaly

21.7760, 26.1763, 28.3309

Monochromacy



Original Color

19.7708, 26.3015, 18.5027

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.1846, 24.4224, 22.6662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7708, 26.3015, 18.5027 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, 151, 109)` looks like.

```
.text, #text, p{  
    color:rgb(106, 151, 109)  
}
```

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, 151, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 151, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.7708, 26.3015, 18.5027 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, 151, 109) }
```


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

```
.border{ border-color:rgb(106, 151, 109) }
```

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

Here you see how a box with a 4 pixel rgb(106, 151, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 151, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 151, 109);  
box-shadow:4px 4px 4px 4px rgb(106, 151,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7708, 26.3015, 18.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 151, 109) }
```

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

```
.background{ background-color: rgb(106,  
151, 109) }
```

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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