

Converting Colors

XYZ(25.2150, 31.3281, 19.8389)

Have a look what the booklet for
XYZ(25.2150, 31.3281, 19.8389)
contains.

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Color

**XYZ(25.2716, 31.3576,
19.7596)**

Conversions

Conversions Part 1

Format	Color
Hex	86A06F
RGB	134, 160, 111
RGB Percent	53%, 63%, 44%
CMY	0.4745, 0.3725, 0.5647
CMYK	0.16, 0.00, 0.31, 0.37
HSL	92°, 21%, 53%
HSV	92°, 31%, 63%
XYZ	25.2716, 31.3576, 19.7596
YIQ	146.6400, 0.2330, -20.7510

Conversions

Conversions Part 2

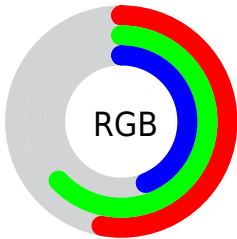
Format	Color
RYB	111, 160, 137
Decimal	8822895
CIELab	62.81, -18.18, 22.64
CIELCh	63, 29.037, 128.753
Yxy	31.3576, 0.3308, 0.4105
Android (android.graphics.Color)	4287012975 (0xFF86A06F)
YUV	146.6400, -17.5705, -11.0853
Hunter-Lab	55.9979, -17.4399, 18.2772

Details

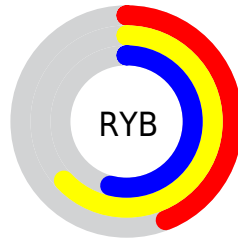
The XYZ color **25.2716, 31.3576, 19.7596** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.3473, 19.2261, 35.7925**, and the grayscale version is **27.6554, 29.0956, 31.6851**.

A 20% lighter version of the original color is **51.6503, 61.9366, 43.8830**, and **9.9159, 12.9688, 6.6832** is the 20% darker color. If you saturate the color by 10%, you get **23.1692, 30.3676, 15.4672**, and if you desaturate by 10%, it is **27.6421, 32.4695, 24.8897**.

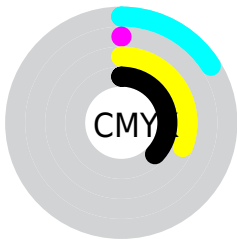
Distribution



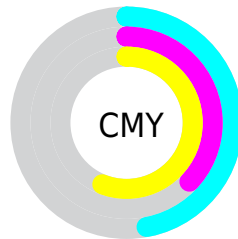
- Red (53%)
- Green (63%)
- Blue (44%)



- Red (44%)
- Yellow (63%)
- Blue (54%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (37%)



- Cyan (47%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2716, 31.3576, 19.7596 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 25.2716, 31.3576, 19.7596 by changing the saturation by 10% instead.

■ 25.2716, 31.3576,
19.7596

■ 25.2716, 31.3576,
19.7596

271.5106,
308.1824, 263.1718

■ 16.4093, 20.8713,
12.0381

■ 51.5372, 61.8026,
43.8674

■ 9.9069, 13.0300,
6.6468

■ 69.6713, 82.5302,
61.0908

■ 5.3991, 7.4492,
3.1671

■ 91.6267, 107.4402,
82.3186

■ 2.5204, 3.7446,
1.1806

■ 117.7687,
136.9172, 107.9692

■ 0.9056, 1.5317,
0.0000

148.4627,
171.3456, 138.4613

■ 0.0000, 0.3109,
0.0000

184.0742,

■ 0.0000, 0.0000,

211.1096, 174.2134

0.0000

224.9683,
256.5937, 215.6441

■ 25.2716, 31.3576,
19.7596

■ 25.2716, 31.3576,
19.7596

■ 23.1692, 30.3676,
15.4672

■ 27.6421, 32.4695,
24.8897

■ 21.3215, 29.4906,
11.9658

■ 30.2887, 33.7036,
30.8966

■ 19.7176, 28.7232,
9.2076


■ 33.2216, 35.0654,
37.8194


■ 18.3443, 28.0596,
7.1385


■ 36.4501, 36.5588,
45.6944


■ 17.1874, 27.4939,
5.6973


■ 39.9830, 38.1876,
54.5558


 16.2300, 27.0189,
4.8117

 43.8284, 39.9553,
64.4360

 15.4808, 26.6427,
4.3266

 47.9945, 41.8654,
75.3662

 52.4889, 43.9212,
87.3759

 57.3182, 46.1255,
100.4899

Harmonies

Analogous

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



28.6564, 31.3576, 16.7566



25.2716, 31.3576, 19.7596



23.2334, 31.3576, 26.8091

Triad

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



25.2716, 31.3576, 19.7596



27.1196, 31.3576, 58.8776



38.0147, 31.3576, 30.9193

Complementary

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



25.2716, 31.3576, 19.7596



22.3473, 19.2261, 35.7925

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.



37.5106, 31.3576, 42.7057



25.2716, 31.3576, 19.7596



30.9827, 31.3576, 60.6684

Square

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



25.2716, 31.3576, 19.7596



24.2325, 31.3576, 49.7595



34.8493, 31.3576, 54.2163



36.1711, 31.3576, 22.1924

Rectangle

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



25.2716, 31.3576, 19.7596



22.7976, 31.3576, 33.6689



34.8493, 31.3576, 54.2163



38.1173, 31.3576, 34.6217

Sweetspot

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



25.2724, 31.3590, 19.7603



55.7334, 61.5377, 57.8169



26.2164, 26.3201, 18.7379



12.0692, 13.4245, 12.3225



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.2724, 31.3590, 19.7603



43.1298, 55.6385, 30.2002



22.0417, 29.6882, 19.8449



6.8319, 7.5460, 7.0821



12.1088, 20.7791, 3.3726



0.2650, 0.3965, 0.0626

Inverse Universe

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



22.3473, 19.2261, 35.7925



36.9227, 29.8986, 64.2115



26.4568, 21.3529, 35.6130



6.6039, 6.5998, 8.3325



7.9055, 3.5045, 26.1670



0.1900, 0.0877, 0.4702

Previews

White Background



This preview shows how the XYZ color 25.2716, 31.3576, 19.7596 looks on a white background.

Color Contrast Check

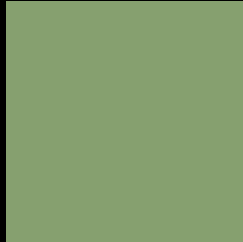
Large Text (above 18pt) WCAG AA × Fail

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 25.2716, 31.3576, 19.7596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

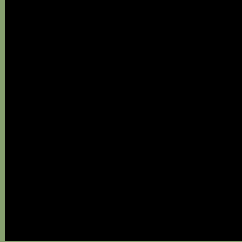
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.2716, 31.3576, 19.7596

Background



This preview shows how black text looks on a background with the XYZ color 25.2716, 31.3576, 19.7596.



This preview shows how white text looks on a background with the XYZ color 25.2716, 31.3576,

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

25.2716, 31.3576, 19.7596

Protanopia

28.8247, 30.9813, 18.3707

Deuteranopia

31.7531, 31.0494, 20.2392



Tritanopia

29.3381, 31.2499, 40.0829

Trichromacy



Original Color

25.2716, 31.3576, 19.7596

Protanomaly

27.2113, 30.8693, 18.7115

Deuteranomaly

28.9912, 30.7915, 20.0381

Tritanomaly

27.6468, 31.3102, 31.3744

Monochromacy



Original Color

25.2716, 31.3576, 19.7596

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.6866, 29.9285, 26.9245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2716, 31.3576, 19.7596 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(134, 160, 111)` looks like.

```
.text, #text, p{  
    color:rgb(134, 160, 111)  
}
```

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(134, 160, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 160, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.2716, 31.3576, 19.7596 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(134, 160, 111) }
```


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

```
.border{ border-color:rgb(134, 160, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 160, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 160, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 160, 111);  
box-shadow:4px 4px 4px 4px rgb(134, 160,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2716, 31.3576, 19.7596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 160, 111) }
```

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

```
.background{ background-color: rgb(134,  
160, 111) }
```

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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