

Converting Colors

XYZ(25.7125, 32.4012, 19.0387)

Have a look what the booklet for
XYZ(25.7125, 32.4012, 19.0387)
contains.

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Color

**XYZ(25.6355, 32.3454,
19.0795)**

Conversions

Conversions Part 1

Format	Color
Hex	86A36C
RGB	134, 163, 108
RGB Percent	53%, 64%, 42%
CMY	0.4745, 0.3608, 0.5765
CMYK	0.18, 0.00, 0.34, 0.36
HSL	92°, 23%, 53%
HSV	92°, 34%, 64%
XYZ	25.6355, 32.3454, 19.0795
YIQ	148.0590, 0.3710, -23.2530

Conversions

Conversions Part 2

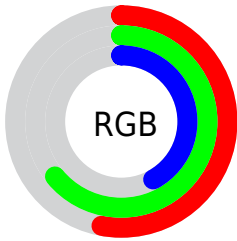
Format	Color
RYB	108, 163, 137
Decimal	8823660
CIELab	63.63, -20.17, 25.37
CIELCh	64, 32.412, 128.485
Yxy	32.3454, 0.3327, 0.4197
Android (android.graphics.Color)	4287013740 (0xFF86A36C)
YUV	148.0590, -19.7491, -12.3297
Hunter-Lab	56.8730, -19.0689, 19.9208

Details

The XYZ color **25.6355, 32.3454, 19.0795** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.2912, 18.6887, 37.0844**, and the grayscale version is **28.2533, 29.7247, 32.3702**.

A 20% lighter version of the original color is **52.1556, 63.3722, 42.7409**, and **10.0673, 13.5341, 6.3567** is the 20% darker color. If you saturate the color by 10%, you get **23.5333, 31.3537, 14.8684**, and if you desaturate by 10%, it is **28.0129, 33.4622, 24.1515**.

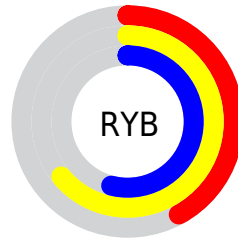
Distribution



Red (53%)

Green (64%)

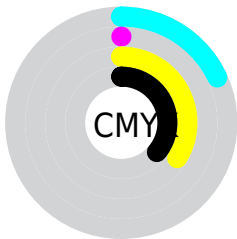
Blue (42%)



Red (42%)

Yellow (64%)

Blue (54%)

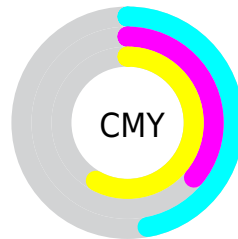


Cyan (18%)

Magenta (0%)

Yellow (34%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6355, 32.3454, 19.0795 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 25.6355, 32.3454, 19.0795 by changing the saturation by 10% instead.

■ 25.6355, 32.3454,
19.0795

■ 25.6355, 32.3454,
19.0795

273.2778,
312.6897, 259.3246

■ 16.6824, 21.6255,
11.5503

■ 52.1218, 63.3522,
42.7069

■ 10.1022, 13.5820,
6.3195

■ 70.3858, 84.4078,
59.6422

■ 5.5296, 7.8305,
2.9684

■ 92.4841, 109.6774,
80.5499

■ 2.5991, 3.9867,
1.0785

■ 118.7820,
139.5455, 105.8487

■ 0.9455, 1.6661,
0.0000

149.6450,
174.3963, 135.9570

■ 0.0000, 0.4016,
0.0000

185.4384,

■ 0.0000, 0.0000,

214.6144, 171.2934

0.0000

226.5275,
260.5840, 212.2764

■ 25.6355, 32.3454,
19.0795

■ 25.6355, 32.3454,
19.0795

■ 23.5333, 31.3537,
14.8684

■ 28.0129, 33.4622,
24.1515

■ 21.6922, 30.4779,
11.4683

■ 30.6740, 34.7046,
30.1264

■ 20.1004, 29.7141,
8.8274

■ 33.6299, 36.0783,
37.0461

■ 18.7438, 29.0563,
6.8869

■ 36.8902, 37.5875,
44.9491

■ 17.6067, 28.4979,
5.5795

■ 40.4642, 39.2361,
53.8718

■ 16.6708, 28.0312,
4.8248

■ 44.3606, 41.0280,
63.8488

■ 16.1625, 27.7756,
4.5094

■ 48.5879, 42.9667,
74.9130

■ 53.1541, 45.0558,
87.0960

■ 58.0671, 47.2986,
100.4280

Harmonies

Analogous

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



29.4760, 32.3454, 15.8602



25.6355, 32.3454, 19.0795



23.3316, 32.3454, 26.8400

Triad

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



25.6355, 32.3454, 19.0795



27.6585, 32.3454, 63.8943



40.1872, 32.3454, 31.6648

Complementary

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



25.6355, 32.3454, 19.0795



22.2912, 18.6887, 37.0844

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.



39.5788, 32.3454, 45.1813



25.6355, 32.3454, 19.0795



32.0465, 32.3454, 66.0982

Square

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



25.6355, 32.3454, 19.0795



24.4173, 32.3454, 53.1337



36.4882, 32.3454, 58.5742



38.0773, 32.3454, 21.8647

Rectangle

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



25.6355, 32.3454, 19.0795



22.8328, 32.3454, 34.5634



36.4882, 32.3454, 58.5742



40.2977, 32.3454, 35.8821

Sweetspot

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



25.6363, 32.3468, 19.0802



56.7538, 62.9980, 58.1622



26.6752, 26.5963, 17.9155



12.5910, 14.0767, 12.7016



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.6363, 32.3468, 19.0802



43.2243, 56.6606, 28.7337



22.0383, 30.4863, 19.1679



7.2891, 8.0515, 7.5500



12.6124, 21.6124, 3.5069



0.3195, 0.4822, 0.0762

Inverse Universe

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



22.2912, 18.6887, 37.0844



36.3602, 28.6410, 65.6680



26.9971, 21.1241, 36.8774



7.0402, 7.0351, 8.8899



8.1698, 3.6182, 27.1976



0.2258, 0.1039, 0.5740

Previews

White Background



This preview shows how the XYZ color 25.6355, 32.3454, 19.0795 looks on a white background.

Color Contrast Check

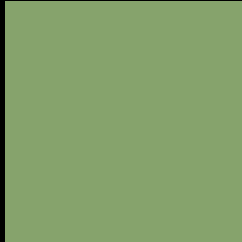
Large Text (above 18pt) WCAG AA × Fail

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 25.6355, 32.3454, 19.0795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

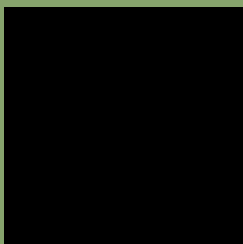
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6355, 32.3454, 19.0795

Background



This preview shows how black text looks on a background with the XYZ color 25.6355, 32.3454, 19.0795.



This preview shows how white text looks on a background with the XYZ color 25.6355, 32.3454,

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

25.6355, 32.3454, 19.0795

Protanopia

29.7802, 32.2177, 17.7458

Deuteranopia

32.5944, 31.9602, 19.4900



Tritanopia

30.2840, 32.4437, 41.7119

Trichromacy



Original Color

25.6355, 32.3454, 19.0795

Protanomaly

27.9332, 32.0039, 18.0697

Deuteranomaly

29.7228, 31.9076, 19.3441

Tritanomaly

28.4017, 32.4470, 31.9601

Monochromacy



Original Color

25.6355, 32.3454, 19.0795

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.9526, 30.3156, 26.6212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6355, 32.3454, 19.0795 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, 163, 108)` looks like.

```
.text, #text, p{  
    color:rgb(134, 163, 108)  
}
```

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, 163, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 163, 108) }
```

Border

The CSS property to change the border of an element to XYZ 25.6355, 32.3454, 19.0795 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, 163, 108) }
```


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

```
.border{ border-color:rgb(134, 163, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 163, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 163, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 163, 108);  
box-shadow:4px 4px 4px 4px rgb(134, 163,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6355, 32.3454, 19.0795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 163, 108) }
```

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

```
.background{ background-color: rgb(134,  
163, 108) }
```

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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