

Converting Colors

XYZ(11.3799, 13.0458, 9.3625)

Have a look what the booklet for
XYZ(11.3799, 13.0458, 9.3625)
contains.

XYZ(11.3986, 13.0618, 9.3175)	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(11.3986, 13.0618,
9.3175)**

Conversions

Conversions Part 1

Format	Color
Hex	62684F
RGB	98, 104, 79
RGB Percent	38%, 41%, 31%
CMY	0.6157, 0.5921, 0.6902
CMYK	0.06, 0.00, 0.24, 0.59
HSL	74°, 14%, 36%
HSV	74°, 24%, 41%
XYZ	11.3986, 13.0618, 9.3175
YIQ	99.3560, 4.4490, -9.0470

Conversions

Conversions Part 2

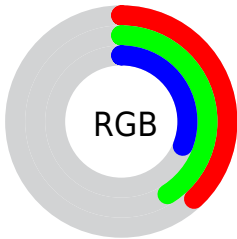
Format	Color
R_{YB}	79, 104, 85
Decimal	6449231
CIE _{Lab}	42.86, -7.12, 13.34
CIE _{LCh}	43, 15.123, 118.087
Yxy	13.0618, 0.3375, 0.3867
Android (android.graphics.Color)	4284639311 (0xFF62684F)
YUV	99.3560, -10.0355, -1.1892
Hunter-Lab	36.1411, -6.9496, 10.0133

Details

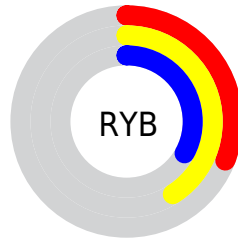
The XYZ color **11.3986, 13.0618, 9.3175** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.0414, 8.5230, 14.2660**, and the grayscale version is **11.9736, 12.5972, 13.7184**.

A 20% lighter version of the original color is **28.0121, 31.3908, 25.0047**, and **3.1171, 3.7456, 2.0720** is the 20% darker color. If you saturate the color by 10%, you get **10.7842, 12.7858, 7.4649**, and if you desaturate by 10%, it is **12.0813, 13.3669, 11.4830**.

Distribution



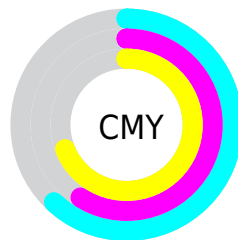
- Red (38%)
- Green (41%)
- Blue (31%)



- Red (31%)
- Yellow (41%)
- Blue (33%)



- Cyan (6%)
- Magenta (0%)
- Yellow (24%)
- Black (59%)



- Cyan (62%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3986, 13.0618, 9.3175 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 11.3986, 13.0618, 9.3175 by changing the saturation by 10% instead.

■ 11.3986, 13.0618,
9.3175

■ 11.3986, 13.0618,
9.3175

194.2345,
211.3134, 196.0335

■ 6.4049, 7.4711,
4.8492

■ 28.0214, 31.4148,
25.0910

■ 3.1358, 3.7584,
2.1019

■ 40.3812, 44.9458,
37.2334

■ 1.2260, 1.5394,
0.6169

■ 55.9270, 61.8925,
52.7708

■ 0.1267, 0.3162,
0.0000

■ 75.0242, 82.6391,
72.1219

■ 0.0000, 0.0000,
0.0000

■ 98.0383, 107.5701,
95.7052

125.3344,

137.0699, 123.9392

157.2780,
171.5229, 157.2425

■ 11.3986, 13.0618,
9.3175

■ 11.3986, 13.0618,
9.3175

■ 10.7842, 12.7858,
7.4649

■ 12.0813, 13.3669,
11.4830

■ 10.2343, 12.5362,
5.9101

■ 12.8340, 13.7006,
13.9743

■ 9.7462, 12.3122,
4.6375

■ 13.6596, 14.0644,
16.8042

■ 9.3166, 12.1126,
3.6303

■ 14.5602, 14.4592,
19.9849

■ 8.9418, 11.9358,
2.8694

■ 15.5383, 14.8861,
23.5278

■ 8.6177, 11.7803,
2.3336

■ 16.5959, 15.3457,
27.4439

■ 8.3371, 11.6431,
1.9859

■ 17.7352, 15.8390,
31.7435

■ 8.1779, 11.5649,
1.8012

■ 18.9580, 16.3668,
36.4369

■ 20.2663, 16.9298,
41.5337

Harmonies

Analogous

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



12.4891, 13.0618, 8.7666



11.3986, 13.0618, 9.3175



10.6239, 13.0618, 11.1185

Triad

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



11.3986, 13.0618, 9.3175



11.2777, 13.0618, 20.3312



14.7687, 13.0618, 14.4354

Complementary

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



11.3986, 13.0618, 9.3175



9.0414, 8.5230, 14.2660

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.



14.3965, 13.0618, 17.8553



11.3986, 13.0618, 9.3175



12.3409, 13.0618, 21.5708

Square

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



11.3986, 13.0618, 9.3175



10.5573, 13.0618, 17.4307



13.4898, 13.0618, 20.6018



14.4785, 13.0618, 11.4335

Rectangle

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



11.3986, 13.0618, 9.3175



10.3667, 13.0618, 12.9494



13.4898, 13.0618, 20.6018



14.7165, 13.0618, 15.5755

Sweetspot

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



11.3989, 13.0624, 9.3178



22.0845, 23.8449, 23.0723



10.3560, 9.9787, 8.7775



5.3768, 5.8126, 5.5914



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.3989, 13.0624, 9.3178



19.3603, 22.6295, 14.4034



10.1691, 12.4284, 9.2602



2.9794, 3.2365, 3.0421



10.0516, 14.2405, 2.2189



51.6162, 73.8551, 11.5350

Inverse Universe

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



9.0414, 8.5230, 14.2660



14.4314, 13.1367, 24.7521



10.2604, 9.1515, 14.3230



2.7487, 2.7925, 3.5261



3.5468, 1.4726, 16.2416



17.8186, 7.3301, 84.6771

Previews

White Background



This preview shows how the XYZ color 11.3986, 13.0618, 9.3175 looks on a white 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

Black Background



This preview shows how the XYZ color 11.3986, 13.0618, 9.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

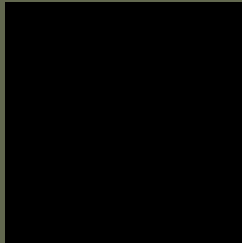
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3986, 13.0618, 9.3175

Background



This preview shows how black text looks on a background with the XYZ color 11.3986, 13.0618, 9.3175.

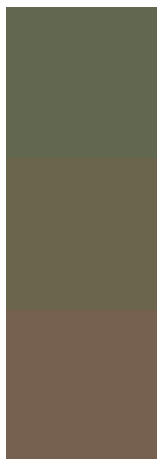


This preview shows how white text looks on a background with the XYZ color 11.3986, 13.0618,

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

11.3986, 13.0618, 9.3175

Protanopia

12.2132, 13.0456, 9.0821

Deuteranopia

13.1939, 12.9801, 9.3994



Tritanopia

12.7434, 13.0218, 16.0292

Trichromacy



Original Color

11.3986, 13.0618, 9.3175

Protanomaly

11.8354, 12.9959, 9.0924

Deuteranomaly

12.5607, 13.0730, 9.4507

Tritanomaly

12.1782, 12.9371, 13.1645

Monochromacy



Original Color

11.3986, 13.0618, 9.3175

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.7310, 12.7327, 11.9646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3986, 13.0618, 9.3175 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(98, 104, 79) looks like.

```
.text, #text, p{  
    color:rgb(98, 104, 79)  
}
```

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(98, 104, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 104, 79) }
```

Border

The CSS property to change the border of an element to XYZ 11.3986, 13.0618, 9.3175 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(98, 104, 79) }
```


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

```
.border{ border-color:rgb(98, 104, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 104, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 104, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 104, 79);  
box-shadow:4px 4px 4px 4px rgb(98, 104,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3986, 13.0618, 9.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 104, 79) }
```

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

```
.background{ background-color: rgb(98, 104,  
79) }
```

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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