

Converting Colors

XYZ(37.0234, 46.7634, 38.2805)

Have a look what the booklet for
XYZ(37.0234, 46.7634, 38.2805)
contains.

XYZ(37.0190, 46.7095, 38.0751)	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(37.0190, 46.7095,
38.0751)**

Conversions

Conversions Part 1

Format	Color
Hex	93C19B
RGB	147, 193, 155
RGB Percent	58%, 76%, 61%
CMY	0.4235, 0.2431, 0.3922
CMYK	0.24, 0.00, 0.20, 0.24
HSL	130°, 27%, 67%
HSV	130°, 24%, 76%
XYZ	37.0190, 46.7095, 38.0751
YIQ	174.9140, -15.2180, -21.5700

Conversions

Conversions Part 2

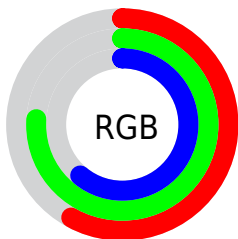
Format	Color
RYB	147, 186, 193
Decimal	9683355
CIELab	74.00, -22.80, 14.27
CIELCh	74, 26.901, 147.952
Yxy	46.7095, 0.3039, 0.3835
Android (android.graphics.Color)	4287873435 (0xFF93C19B)
YUV	174.9140, -9.8176, -24.4806
Hunter-Lab	68.3443, -22.9173, 14.8102

Details

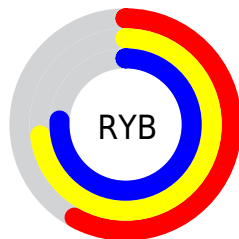
The XYZ color **37.0190, 46.7095, 38.0751** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.1846, 35.7088, 50.6228**, and the grayscale version is **40.7589, 42.8815, 46.6980**.

A 20% lighter version of the original color is **70.1756, 85.5809, 73.7929**, and **16.4506, 21.8976, 16.4563** is the 20% darker color. If you saturate the color by 10%, you get **32.5924, 44.5735, 31.3340**, and if you desaturate by 10%, it is **42.2056, 49.2195, 45.7767**.

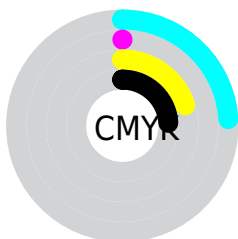
Distribution



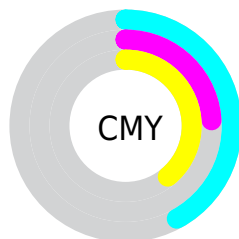
- Red (58%)
- Green (76%)
- Blue (61%)



- Red (58%)
- Yellow (73%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (42%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0190, 46.7095, 38.0751 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 37.0190, 46.7095, 38.0751 by changing the saturation by 10% instead.

■ 37.0190, 46.7095,
38.0751

■ 37.0190, 46.7095,
38.0751

324.7469,
373.6538, 353.2499

■ 25.3959, 32.8061,
25.7387

■ 69.9156, 85.2798,
73.4279

■ 16.5026, 21.9779,
16.4042

■ 91.9200, 110.7155,
97.2814

■ 9.9736, 13.8407,
9.6532

118.1154,
140.7641, 125.8111

■ 5.4436, 8.0099,
5.0671

148.8673,
175.8099, 159.4354

■ 2.5472, 4.1013,
2.2272

184.5410,
216.2374, 198.5728

■ 0.9191, 1.7304,
0.6900

225.5020,

■ 0.0000, 0.4432,

262.4309, 243.6421

0.0000

272.1155,
314.7749, 295.0615

■ 0.0000, 0.0000,
0.0000

■ 37.0190, 46.7095,
38.0751

■ 37.0190, 46.7095,
38.0751

■ 32.5924, 44.5735,
31.3340

■ 42.2056, 49.2195,
45.7767

■ 28.8863, 42.7879,
25.5127

■ 48.1818, 52.1141,
54.4713

■ 25.8631, 41.3356,
20.5723

■ 54.9805, 55.4108,
64.1934

■ 23.4803, 40.1956,
16.4698

■ 62.6311, 59.1242,
74.9752

■ 21.6907, 39.3444,
13.1584

■ 71.1621, 63.2681,
86.8475

■ 20.4402, 38.7554,
10.5871

■ 77.6706, 66.3456,
99.7024

■ 19.6644, 38.3964,
8.6985

■ 78.3608, 66.6217,
103.3369

■ 19.3533, 38.2547,
7.8446

Harmonies

Analogous

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



40.2062, 46.7095, 30.8897



37.0190, 46.7095, 38.0751



35.7912, 46.7095, 49.9193

Triad

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



37.0190, 46.7095, 38.0751



44.0667, 46.7095, 82.1354



53.0640, 46.7095, 39.4410

Complementary

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



37.0190, 46.7095, 38.0751



41.1846, 35.7088, 50.6228

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.



54.2800, 46.7095, 51.8098



37.0190, 46.7095, 38.0751



48.8672, 46.7095, 77.9833

Square

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



37.0190, 46.7095, 38.0751



39.6734, 46.7095, 76.7332



52.6931, 46.7095, 66.2244



49.4791, 46.7095, 31.5726

Rectangle

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



37.0190, 46.7095, 38.0751



36.1769, 46.7095, 59.4544



52.6931, 46.7095, 66.2244



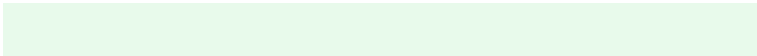
53.7742, 46.7095, 43.1342

Sweetspot

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



37.0203, 46.7115, 38.0761



82.6259, 91.5572, 92.2554



44.4264, 50.6045, 35.0305



17.5843, 19.5734, 19.5862



92.9021, 97.7402, 106.4391



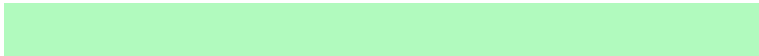
19.4759, 20.4902, 22.3138

Same Dimension

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



37.0203, 46.7115, 38.0761



61.6817, 81.4258, 61.1995



39.1065, 47.5460, 49.0620



10.0143, 11.2868, 11.0789



12.8927, 25.4511, 5.3278



0.5796, 1.1087, 0.3490

Inverse Universe

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



41.1846, 35.7088, 50.6228



70.5250, 58.0513, 87.8361



38.9787, 34.8264, 39.0068



10.4197, 10.2165, 12.3005



18.8412, 9.2262, 22.8737



0.8343, 0.4067, 1.0949

Previews

White Background



This preview shows how the XYZ color 37.0190, 46.7095, 38.0751 looks on a white background.

Color Contrast Check

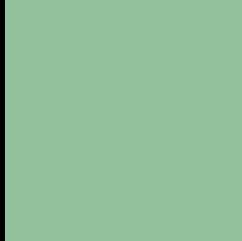
Large Text (above 18pt) WCAG AA × Fail

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 37.0190, 46.7095, 38.0751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

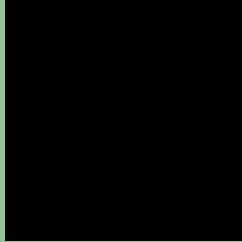
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0190, 46.7095, 38.0751

Background



This preview shows how black text looks on a background with the XYZ color 37.0190, 46.7095, 38.0751.



This preview shows how white text looks on a background with the XYZ color 37.0190, 46.7095,

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

37.0190, 46.7095, 38.0751

Protanopia

43.6869, 46.4241, 35.0920

Deuteranopia

47.3201, 46.4285, 39.2685



Tritanopia

41.9486, 46.7735, 62.6944

Trichromacy



Original Color

37.0190, 46.7095, 38.0751

Protanomaly

40.8394, 46.1624, 36.0359

Deuteranomaly

42.9071, 46.2388, 39.0113

Tritanomaly

39.9034, 46.5734, 52.7854

Monochromacy



Original Color

37.0190, 46.7095, 38.0751

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.3129, 44.2824, 43.5211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0190, 46.7095, 38.0751 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(147, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(147, 193, 155)  
}
```

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(147, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 193, 155) }
```

Border

The CSS property to change the border of an element to XYZ 37.0190, 46.7095, 38.0751 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(147, 193, 155) }
```


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

```
.border{ border-color:rgb(147, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(147, 193,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0190, 46.7095, 38.0751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 193, 155) }
```

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

```
.background{ background-color: rgb(147,  
193, 155) }
```

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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