

Converting Colors

XYZ(30.5763, 37.9485, 32.0624)

Have a look what the booklet for
XYZ(30.5763, 37.9485, 32.0624)
contains.

XYZ(30.5174, 37.9078, 32.0941)	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(30.5174, 37.9078,
32.0941)**

Conversions

Conversions Part 1

Format	Color
Hex	88AF90
RGB	136, 175, 144
RGB Percent	53%, 69%, 56%
CMY	0.4667, 0.3137, 0.4353
CMYK	0.22, 0.00, 0.18, 0.31
HSL	132°, 20%, 61%
HSV	132°, 22%, 69%
XYZ	30.5174, 37.9078, 32.0941
YIQ	159.8050, -13.2930, -17.9090

Conversions

Conversions Part 2

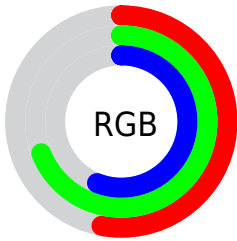
Format	Color
RYB	136, 168, 175
Decimal	8957840
CIELab	67.95, -19.49, 11.64
CIElCh	68, 22.700, 149.140
Yxy	37.9078, 0.3036, 0.3771
Android (android.graphics.Color)	4287147920 (0xFF88AF90)
YUV	159.8050, -7.7919, -20.8770
Hunter-Lab	61.5693, -19.2711, 12.1925

Details

The XYZ color **30.5174, 37.9078, 32.0941** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.4598, 29.5133, 40.4940**, and the grayscale version is **33.3638, 35.1013, 38.2253**.

A 20% lighter version of the original color is **60.0042, 72.1762, 64.1949**, and **12.7262, 16.6585, 13.1343** is the 20% darker color. If you saturate the color by 10%, you get **26.9055, 36.1622, 26.7130**, and if you desaturate by 10%, it is **34.7265, 39.9482, 38.1887**.

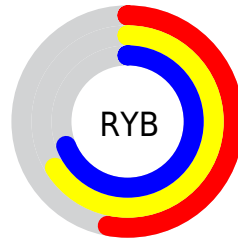
Distribution



Red (53%)

Green (69%)

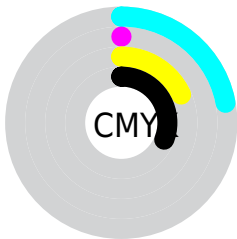
Blue (56%)



Red (53%)

Yellow (66%)

Blue (69%)

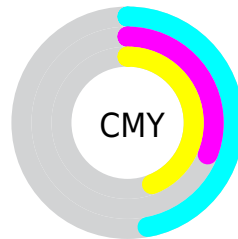


Cyan (22%)

Magenta (0%)

Yellow (18%)

Black (31%)



Cyan (47%)


Magenta (31%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5174, 37.9078, 32.0941 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 30.5174, 37.9078, 32.0941 by changing the saturation by 10% instead.


 30.5174, 37.9078,
32.0941


 30.5174, 37.9078,
32.0941


296.1755,
337.2243, 326.0536


 20.3817, 25.9111,
21.1680


 59.8605, 71.9668,
64.0582

 12.7827, 16.7572,
13.0544

 79.7985, 94.7979,
85.9333

 7.3550, 10.0615,
7.3348


 103.7348,
122.0093, 112.2950

 3.7334, 5.4398,
3.5908

132.0345,
153.9854, 143.5621

 1.5524, 2.5075,
1.4036

165.0631,
191.1105, 180.1529

 0.3611, 0.8804,
0.1446

203.1859,

 0.0000, 0.0000,

233.7691, 222.4861

0.0000

246.7682,
282.3456, 270.9801

■ 30.5174, 37.9078,
32.0941

■ 30.5174, 37.9078,
32.0941

■ 26.9055, 36.1622,
26.7130

■ 34.7265, 39.9482,
38.1887

■ 23.8605, 34.6933,
22.0169

■ 39.5551, 42.2913,
45.0189

■ 21.3539, 33.4879,
17.9789

■ 45.0284, 44.9505,
52.6091

■ 19.3538, 32.5302,
14.5695

■ 51.1689, 47.9371,
60.9818

■ 17.8245, 31.8024,
11.7570

■ 57.9982, 51.2617,
70.1585

■ 16.7256, 31.2846,
9.5068

■ 65.5371, 54.9346,
80.1598

■ 16.0097, 30.9530,
7.7807

■ 72.5042, 58.2948,
90.9448

■ 15.6475, 30.7881,
6.7788

■ 74.6207, 59.1414,
102.0902

Harmonies

Analogous

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



32.8283, 37.9078, 26.5311



30.5174, 37.9078, 32.0941



29.6668, 37.9078, 40.9844

Triad

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



30.5174, 37.9078, 32.0941



35.9286, 37.9078, 63.8960



42.2830, 37.9078, 32.5228

Complementary

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



30.5174, 37.9078, 32.0941



33.4598, 29.5133, 40.4940

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.



43.2442, 37.9078, 41.5672



30.5174, 37.9078, 32.0941



39.4339, 37.9078, 60.6658

Square

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



30.5174, 37.9078, 32.0941



32.6629, 37.9078, 60.2899



42.1699, 37.9078, 52.0588



39.6214, 37.9078, 26.7487

Rectangle

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



30.5174, 37.9078, 32.0941



29.9966, 37.9078, 47.9753



42.1699, 37.9078, 52.0588



42.8231, 37.9078, 35.2298

Sweetspot

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



30.5184, 37.9094, 32.0949



66.5164, 73.6406, 74.5425



35.7540, 40.6766, 29.2600



14.6729, 16.3135, 16.4107



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.5184, 37.9094, 32.0949



51.1732, 66.2067, 52.3293



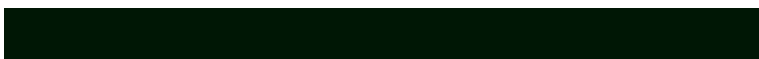
32.1223, 38.5510, 40.5409



7.9692, 8.9652, 8.8628



11.2238, 22.0548, 4.9521



0.3312, 0.6211, 0.2376

Inverse Universe

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



33.4598, 29.5133, 40.4940



57.4260, 48.3512, 70.1797



31.8061, 28.8518, 31.7861



8.2656, 8.1195, 9.7096



16.0260, 7.8729, 18.3140



0.4634, 0.2260, 0.6019

Previews

White Background



This preview shows how the XYZ color 30.5174, 37.9078, 32.0941 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 30.5174, 37.9078, 32.0941 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 30.5174, 37.9078, 32.0941

Background



This preview shows how black text looks on a background with the XYZ color 30.5174, 37.9078, 32.0941.



This preview shows how white text looks on a background with the XYZ color 30.5174, 37.9078,

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

30.5174, 37.9078, 32.0941

Protanopia

35.5709, 37.7730, 29.8422

Deuteranopia

38.4036, 37.5942, 32.8361



Tritanopia

34.2497, 38.0080, 50.3309

Trichromacy



Original Color

30.5174, 37.9078, 32.0941

Protanomaly

33.4929, 37.7726, 30.7249

Deuteranomaly

35.0056, 37.4206, 32.5720

Tritanomaly

32.7292, 37.9451, 43.1352

Monochromacy



Original Color

30.5174, 37.9078, 32.0941

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.0504, 35.8227, 35.7971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5174, 37.9078, 32.0941 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(136, 175, 144)` looks like.

```
.text, #text, p{  
    color:rgb(136, 175, 144)  
}
```

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(136, 175, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 175, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.5174, 37.9078, 32.0941 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(136, 175, 144) }
```


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

```
.border{ border-color:rgb(136, 175, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 175, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 175, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 175, 144);  
box-shadow:4px 4px 4px 4px rgb(136, 175,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5174, 37.9078, 32.0941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 175, 144) }
```

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

```
.background{ background-color: rgb(136,  
175, 144) }
```

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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