

Converting Colors

XYZ(30.6409, 37.2430, 44.4554)

Have a look what the booklet for
XYZ(30.6409, 37.2430, 44.4554)
contains.

XYZ(30.5583, 37.0767, 44.5756)	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(30.5583, 37.0767,
44.5756)**

Conversions

Conversions Part 1

Format	Color
Hex	7BADAC
RGB	123, 173, 172
RGB Percent	48%, 68%, 67%
CMY	0.5176, 0.3216, 0.3255
CMYK	0.29, 0.00, 0.01, 0.32
HSL	179°, 23%, 58%
HSV	179°, 29%, 68%
XYZ	30.5583, 37.0767, 44.5756
YIQ	157.9360, -29.4790, -10.9110

Conversions

Conversions Part 2

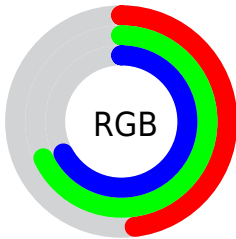
Format	Color
RYB	123, 148, 173
Decimal	8105388
CIELab	67.33, -16.67, -4.83
CIELCh	67, 17.354, 196.144
Yxy	37.0767, 0.2723, 0.3304
Android (android.graphics.Color)	4286295468 (0xFF7BADAC)
YUV	157.9360, 6.9336, -30.6389
Hunter-Lab	60.8906, -16.9774, -0.7804

Details

The XYZ color **30.5583, 37.0767, 44.5756** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.9559, 24.5063, 22.3269**, and the grayscale version is **32.4504, 34.1403, 37.1788**.

A 20% lighter version of the original color is **60.0159, 70.9318, 83.2011**, and **12.9000, 16.4085, 20.2566** is the 20% darker color. If you saturate the color by 10%, you get **28.2659, 35.8997, 44.2954**, and if you desaturate by 10%, it is **33.2903, 38.4822, 44.8784**.

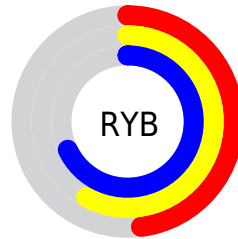
Distribution



Red (48%)

Green (68%)

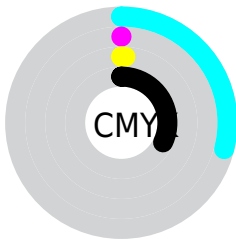
Blue (67%)



Red (48%)

Yellow (58%)

Blue (68%)

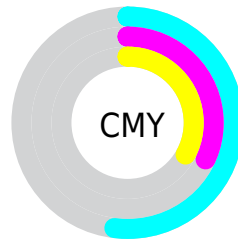


Cyan (29%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (52%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5583, 37.0767, 44.5756 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 30.5583, 37.0767, 44.5756 by changing the saturation by 10% instead.

■ 30.5583, 37.0767,
44.5756

■ 30.5583, 37.0767,
44.5756

296.3616,
333.6425, 381.1619

■ 20.4129, 25.2669,
30.7828

■ 59.9246, 70.6907,
83.3949

■ 12.8056, 16.2760,
20.1764

■ 79.8762, 93.2637,
109.2584

■ 7.3709, 9.7197,
12.3380

■ 103.8272,
120.1933, 139.9826

■ 3.7435, 5.2135,
6.8490

132.1431,
151.8637, 175.9859

■ 1.5581, 2.3731,
3.2908

165.1891,
188.6594, 217.6870

■ 0.3648, 0.8120,
1.2450

203.3306,

■ 0.0000, 0.0000,

230.9649, 265.5043

0.0161

246.9330,
279.1644, 319.8564

■ 0.0000, 0.0000,
0.0000

■ 30.5583, 37.0767,
44.5756

■ 30.5583, 37.0767,
44.5756

■ 28.2659, 35.8997,
44.2954

■ 33.2903, 38.4822,
44.8784

■ 26.3869, 34.9349,
44.0343

■ 36.4800, 40.1227,
45.2023

■ 24.8971, 34.1707,
43.7918

■ 40.1485, 42.0100,
45.5490

■ 23.7688, 33.5928,
43.5666

■ 44.3144, 44.1537,
45.9194

■ 22.9704, 33.1850,
43.3574

■ 48.9956, 46.5631,
46.3145

■ 22.4649, 32.9282,
43.1623

■ 54.2090, 49.2467,
46.7349

■ 22.1834, 32.7869,
42.9782

■ 59.9705, 52.2130,
47.1814

■ 22.1560, 32.7732,
42.9582

■ 63.9001, 54.2349,
47.5426

■ 63.9342, 54.2485,
47.7220

Harmonies

Analogous

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



30.5103, 37.0767, 36.9675



30.5583, 37.0767, 44.5756



31.8187, 37.0767, 51.8633

Triad

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



30.5583, 37.0767, 44.5756



39.0531, 37.0767, 51.3767



36.4777, 37.0767, 27.7685

Complementary

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



30.5583, 37.0767, 44.5756



27.9559, 24.5063, 22.3269

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.



38.8988, 37.0767, 30.7144



30.5583, 37.0767, 44.5756



40.4355, 37.0767, 43.9756

Square

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



30.5583, 37.0767, 44.5756



36.6796, 37.0767, 56.1142



40.3776, 37.0767, 36.4380



33.8391, 37.0767, 27.8865

Rectangle

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



30.5583, 37.0767, 44.5756



33.2147, 37.0767, 55.2803



40.3776, 37.0767, 36.4380



37.3466, 37.0767, 28.4156

Sweetspot

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



30.5594, 37.0782, 44.5764



65.1750, 71.7743, 80.9363



26.9286, 35.6537, 24.2020



13.9781, 15.5026, 17.5710



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.5594, 37.0782, 44.5764



51.8882, 64.9430, 79.4891



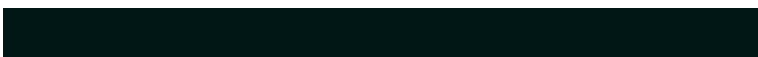
26.5655, 28.9357, 43.7220



8.2293, 9.0693, 10.2325



16.2789, 24.0768, 31.5719



0.4550, 0.6706, 0.8895

Inverse Universe

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



27.9559, 24.5063, 22.3269



46.4226, 38.5462, 32.7763



31.1404, 30.9762, 23.0772



8.0115, 8.0179, 8.3714



12.6772, 6.5334, 0.6795



0.3547, 0.1826, 0.0298

Previews

White Background



This preview shows how the XYZ color 30.5583, 37.0767, 44.5756 looks on a white background.

Color Contrast Check

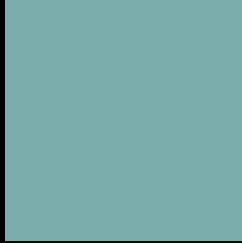
Large Text (above 18pt) WCAG AA × Fail

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 30.5583, 37.0767, 44.5756 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 30.5583, 37.0767, 44.5756

Background



This preview shows how black text looks on a background with the XYZ color 30.5583, 37.0767, 44.5756.

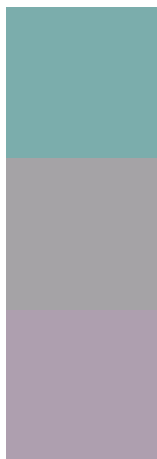


This preview shows how white text looks on a background with the XYZ color 30.5583, 37.0767,

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

30.5583, 37.0767, 44.5756

Protanopia

35.4972, 36.9469, 41.3370

Deuteranopia

37.5916, 36.8901, 45.6967



Tritanopia

31.9241, 37.0642, 51.3705

Trichromacy



Original Color

30.5583, 37.0767, 44.5756

Protanomaly

33.4643, 36.9486, 42.4138

Deuteranomaly

34.4330, 36.5755, 45.2894

Tritanomaly

31.4482, 37.1603, 48.6952

Monochromacy



Original Color

30.5583, 37.0767, 44.5756

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.3851, 34.8585, 39.7245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5583, 37.0767, 44.5756 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(123, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(123, 173, 172)  
}
```

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(123, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 173, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.5583, 37.0767, 44.5756 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(123, 173, 172) }
```


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

```
.border{ border-color:rgb(123, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(123, 173,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5583, 37.0767, 44.5756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 173, 172) }
```

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

```
.background{ background-color: rgb(123,  
173, 172) }
```

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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