

Converting Colors

XYZ(30.4625, 36.3855, 35.7368)

Have a look what the booklet for
XYZ(30.4625, 36.3855, 35.7368)
contains.

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Color

**XYZ(30.4410, 36.3677,
35.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	89AA99
RGB	137, 170, 153
RGB Percent	54%, 67%, 60%
CMY	0.4627, 0.3333, 0.4000
CMYK	0.19, 0.00, 0.10, 0.33
HSL	149°, 16%, 60%
HSV	149°, 19%, 67%
XYZ	30.4410, 36.3677, 35.5523
YIQ	158.1950, -14.2110, -12.2830

Conversions

Conversions Part 2

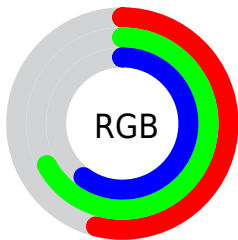
Format	Color
RYB	137, 159, 170
Decimal	9022105
CIELab	66.80, -14.80, 5.04
CIELCh	67, 15.637, 161.206
Yxy	36.3677, 0.2974, 0.3553
Android (android.graphics.Color)	4287212185 (0xFF89AA99)
YUV	158.1950, -2.5611, -18.5880
Hunter-Lab	60.3056, -15.4319, 7.2604

Details

The XYZ color **30.4410, 36.3677, 35.5523** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.3572, 28.7713, 34.4740**, and the grayscale version is **32.6045, 34.3025, 37.3554**.

A 20% lighter version of the original color is **59.6736, 69.4318, 69.2880**, and **12.8072, 15.9424, 14.9726** is the 20% darker color. If you saturate the color by 10%, you get **27.1739, 34.7650, 31.7612**, and if you desaturate by 10%, it is **34.2024, 38.2211, 39.6453**.

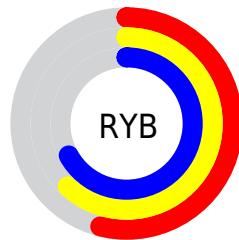
Distribution



Red (54%)

Green (67%)

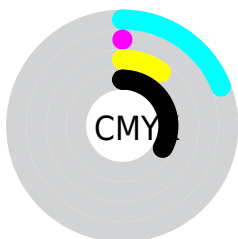
Blue (60%)



Red (54%)

Yellow (62%)

Blue (67%)

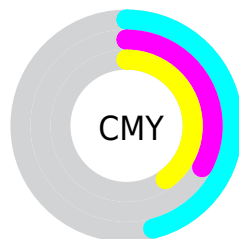


Cyan (19%)

Magenta (0%)

Yellow (10%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4410, 36.3677, 35.5523 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 30.4410, 36.3677, 35.5523 by changing the saturation by 10% instead.

■ 30.4410, 36.3677,
35.5523

■ 30.4410, 36.3677,
35.5523

295.8278,
330.5648, 341.9775

■ 20.3233, 24.7183,
23.8017

■ 59.7408, 69.5992,
69.5017

■ 12.7399, 15.8673,
14.9757

■ 79.6535, 91.9502,
92.5376

■ 7.3254, 9.4303,
8.6559

■ 103.5620,
118.6370, 120.1724

■ 3.7146, 5.0229,
4.4237

131.8316,
150.0443, 152.8245

■ 1.5420, 2.2607,
1.8605

164.8276,
186.5563, 190.9125

■ 0.3541, 0.7528,
0.4675

202.9154,

■ 0.0000, 0.0000,

228.5575, 234.8550

0.0000

246.4603,
276.4322, 285.0705

■ 30.4410, 36.3677,
35.5523

■ 30.4410, 36.3677,
35.5523

■ 27.1739, 34.7650,
31.7612

■ 34.2024, 38.2211,
39.6453

■ 24.3764, 33.3974,
28.2627

■ 38.4752, 40.3309,
44.0444

■ 22.0261, 32.2544,
25.0502

■ 43.2796, 42.7083,
48.7568

■ 20.0978, 31.3233,
22.1165

■ 48.6338, 45.3626,
53.7890

■ 18.5632, 30.5895,
19.4534

■ 54.5548, 48.3026,
59.1468

■ 17.3907, 30.0370,
17.0528

■ 61.0592, 51.5365,
64.8362

■ 16.5432, 29.6467,
14.9056

■ 67.7925, 54.8817,
70.8457

■ 15.9467, 29.3808,
13.0011

■ 68.9438, 55.3421,
76.9080

■ 15.9145, 29.3664,
12.8965

■ 70.1561, 55.8271,
83.2922

Harmonies

Analogous

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



31.6588, 36.3677, 30.5930



30.4410, 36.3677, 35.5523



30.2983, 36.3677, 42.1813

Triad

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



30.4410, 36.3677, 35.5523



35.4570, 36.3677, 53.7833



38.0987, 36.3677, 31.6296

Complementary

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



30.4410, 36.3677, 35.5523



31.3572, 28.7713, 34.4740

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.



39.2177, 36.3677, 37.1228



30.4410, 36.3677, 35.5523



37.6468, 36.3677, 50.2171

Square

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



30.4410, 36.3677, 35.5523



33.1232, 36.3677, 53.2386



39.0486, 36.3677, 43.9401



36.0509, 36.3677, 28.5128

Rectangle

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



30.4410, 36.3677, 35.5523



30.8240, 36.3677, 46.7302



39.0486, 36.3677, 43.9401



38.6000, 36.3677, 33.2316

Sweetspot

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



30.4420, 36.3692, 35.5531



64.5105, 70.5570, 74.5037



32.2273, 37.4321, 29.1939



14.2804, 15.6823, 16.5046



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.



30.4420, 36.3692, 35.5531



52.7519, 64.7668, 61.6849



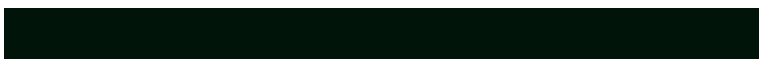
31.8962, 36.9509, 43.2109



7.5826, 8.4661, 8.7881



11.7343, 21.6125, 9.6337



0.3115, 0.5362, 0.3711

Inverse Universe

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



31.3572, 28.7713, 34.4740



54.6989, 48.6018, 59.3887



30.0792, 28.2601, 27.7442



7.6864, 7.6044, 8.6657



13.5060, 6.8111, 7.4759



0.3543, 0.1760, 0.3172

Previews

White Background



This preview shows how the XYZ color 30.4410, 36.3677, 35.5523 looks on a white background.

Color Contrast Check

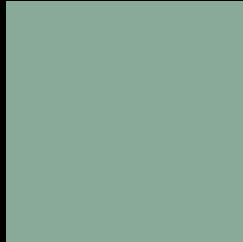
Large Text (above 18pt) WCAG AA × Fail

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 30.4410, 36.3677, 35.5523 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 30.4410, 36.3677, 35.5523

Background



This preview shows how black text looks on a background with the XYZ color 30.4410, 36.3677, 35.5523.



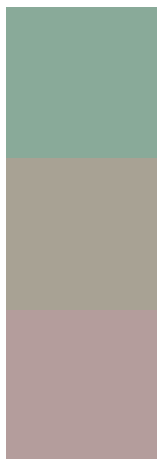
This preview shows how white text looks on a background with the XYZ color 30.4410, 36.3677,

35.5523.

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

30.4410, 36.3677, 35.5523

Protanopia

34.4141, 36.3036, 33.2105

Deuteranopia

36.8801, 36.2175, 36.4994



Tritanopia

32.9282, 36.2779, 47.9147

Trichromacy



Original Color

30.4410, 36.3677, 35.5523

Protanomaly

32.8648, 36.2804, 34.1248

Deuteranomaly

34.1466, 36.0997, 36.1786

Tritanomaly

31.8896, 36.1152, 43.3204

Monochromacy



Original Color

30.4410, 36.3677, 35.5523

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.4988, 34.7250, 36.4949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4410, 36.3677, 35.5523 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(137, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(137, 170, 153)  
}
```

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(137, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 170, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.4410, 36.3677, 35.5523 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(137, 170, 153) }
```


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

```
.border{ border-color:rgb(137, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(137, 170,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4410, 36.3677, 35.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 170, 153) }
```

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

```
.background{ background-color: rgb(137,  
170, 153) }
```

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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