

Converting Colors

XYZ(30.6708, 36.8362, 40.9652)

Have a look what the booklet for
XYZ(30.6708, 36.8362, 40.9652)
contains.

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Color

**XYZ(30.7500, 36.9675,
41.1121)**

Conversions

Conversions Part 1

Format	Color
Hex	82ACA5
RGB	130, 172, 165
RGB Percent	51%, 67%, 65%
CMY	0.4902, 0.3255, 0.3529
CMYK	0.24, 0.00, 0.04, 0.33
HSL	170°, 20%, 59%
HSV	170°, 24%, 67%
XYZ	30.7500, 36.9675, 41.1121
YIQ	158.6440, -22.7850, -11.0810

Conversions

Conversions Part 2

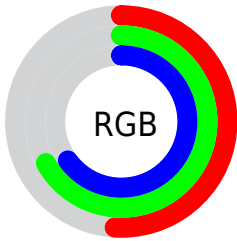
Format	Color
R _{YB}	130, 153, 172
Decimal	8563877
CIE Lab	67.25, -15.60, -1.02
CIE LCh	67, 15.635, 183.726
Yxy	36.9675, 0.2826, 0.3397
Android (android.graphics.Color)	4286753957 (0xFF82ACA5)
YUV	158.6440, 3.1335, -25.1208
Hunter-Lab	60.8009, -16.1254, 2.4702

Details

The XYZ color **30.7500, 36.9675, 41.1121** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.5126, 26.5431, 27.2363**, and the grayscale version is **32.7866, 34.4941, 37.5640**.

A 20% lighter version of the original color is **60.1545, 70.2958, 78.1081**, and **12.9216, 16.2875, 18.0855** is the 20% darker color. If you saturate the color by 10%, you get **28.0712, 35.6173, 39.6402**, and if you desaturate by 10%, it is **33.8778, 38.5504, 42.6372**.

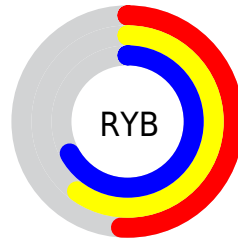
Distribution



Red (51%)

Green (67%)

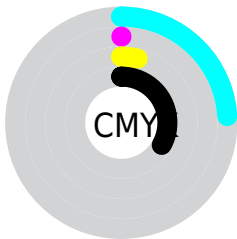
Blue (65%)



Red (51%)

Yellow (60%)

Blue (67%)

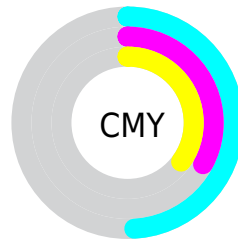


Cyan (24%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (49%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7500, 36.9675, 41.1121 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 30.7500, 36.9675, 41.1121 by changing the saturation by 10% instead.


 30.7500, 36.9675,
41.1121


 30.7500, 36.9675,
41.1121


297.2324,
333.1698, 366.4794


 20.5594, 25.1823,
28.0863


 60.2248, 70.5228,
78.1096

 12.9130, 16.2129,
18.1511


 80.2397, 93.0617,
102.9183

 7.4452, 9.6750,
10.8880

 104.2602,
119.9540, 132.4918

 3.7909, 5.1840,
5.8783

132.6515,
151.5840, 167.2486

 1.5845, 2.3556,
2.7037

165.7790,
188.3363, 207.6072

 0.3823, 0.8029,
0.9453

204.0081,

 0.0000, 0.0000,

230.5950, 253.9862

0.0000

247.7041,
278.7447, 306.8041

■ 30.7500, 36.9675,
41.1121

■ 30.7500, 36.9675,
41.1121

■ 28.0712, 35.6173,
39.6402

■ 33.8778, 38.5504,
42.6372

■ 25.8164, 34.4841,
38.2176

■ 37.4718, 40.3720,
44.2140

■ 23.9626, 33.5569,
36.8440

■ 41.5524, 42.4437,
45.8446

■ 22.4838, 32.8224,
35.5179

■ 46.1374, 44.7749,
47.5299

■ 21.3505, 32.2653,
34.2378

■ 51.2442, 47.3743,
49.2710

■ 20.5291, 31.8683,
33.0018

■ 56.8889, 50.2503,
51.0687

■ 19.9787, 31.6105,
31.8078

■ 63.0873, 53.4111,
52.9241

■ 19.7360, 31.4995,
31.1571

■ 65.0640, 54.3947,
54.6137

■ 65.3761, 54.5195,
56.2576

Harmonies

Analogous

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



31.1772, 36.9675, 34.7053



30.7500, 36.9675, 41.1121



31.4536, 36.9675, 48.0045

Triad

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



30.7500, 36.9675, 41.1121



37.7486, 36.9675, 52.2114



37.2089, 36.9675, 29.5718

Complementary

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



30.7500, 36.9675, 41.1121



29.5126, 26.5431, 27.2363

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.



39.0962, 36.9675, 33.3814



30.7500, 36.9675, 41.1121



39.4176, 36.9675, 46.3588

Square

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



30.7500, 36.9675, 41.1121



35.4358, 36.9675, 54.8546



39.9215, 36.9675, 39.4026



34.8389, 36.9675, 28.5012

Rectangle

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



30.7500, 36.9675, 41.1121



32.4888, 36.9675, 51.8134



39.9215, 36.9675, 39.4026



37.9243, 36.9675, 30.5515

Sweetspot

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



30.7511, 36.9690, 41.1129



66.1262, 72.2992, 79.4236



29.2146, 36.4960, 26.6244



14.2885, 15.6705, 17.2251



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.



30.7511, 36.9690, 41.1129



53.2060, 65.7628, 73.2074



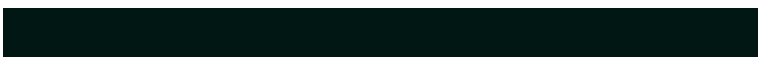
29.0001, 32.4189, 43.7605



8.1781, 9.0488, 9.9630



14.7035, 23.4467, 23.2763



0.4240, 0.6583, 0.7264

Inverse Universe

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



29.5126, 26.5431, 27.2363



50.5906, 43.7280, 43.8899



30.9113, 30.1187, 25.3041



8.0577, 8.0363, 8.6147



12.8370, 6.5973, 1.5212



0.3732, 0.1900, 0.1269

Previews

White Background



This preview shows how the XYZ color 30.7500, 36.9675, 41.1121 looks on a white background.

Color Contrast Check

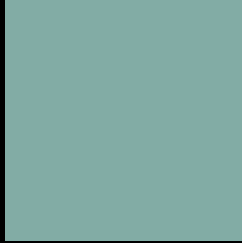
Large Text (above 18pt) WCAG AA × Fail

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 30.7500, 36.9675, 41.1121 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

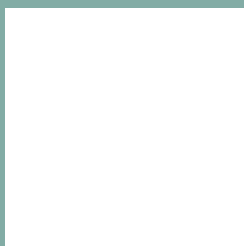
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7500, 36.9675, 41.1121

Background



This preview shows how black text looks on a background with the XYZ color 30.7500, 36.9675, 41.1121.



This preview shows how white text looks on a background with the XYZ color 30.7500, 36.9675,

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

30.7500, 36.9675, 41.1121

Protanopia

35.2018, 36.5942, 38.4658

Deuteranopia

37.4262, 36.6280, 42.1431



Tritanopia

32.5667, 36.8632, 50.1986

Trichromacy



Original Color

30.7500, 36.9675, 41.1121

Protanomaly

33.4842, 36.7511, 39.5113

Deuteranomaly

34.5694, 36.4580, 41.7743

Tritanomaly

31.8841, 36.8706, 46.5106

Monochromacy



Original Color

30.7500, 36.9675, 41.1121

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.9212, 35.4200, 38.8725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7500, 36.9675, 41.1121 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(130, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(130, 172, 165)  
}
```

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(130, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 172, 165) }
```

Border

The CSS property to change the border of an element to XYZ 30.7500, 36.9675, 41.1121 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(130, 172, 165) }
```


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

```
.border{ border-color:rgb(130, 172, 165) }
```

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

Here you see how a box with a 4 pixel rgb(130, 172, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(130, 172,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7500, 36.9675, 41.1121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 172, 165) }
```

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

```
.background{ background-color: rgb(130,  
172, 165) }
```

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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