

Converting Colors

XYZ(30.6729, 40.4220, 36.1279)

Have a look what the booklet for
XYZ(30.6729, 40.4220, 36.1279)
contains.

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Color

**XYZ(30.5684, 40.2318,
36.2914)**

Conversions

Conversions Part 1

Format	Color
Hex	79B799
RGB	121, 183, 153
RGB Percent	47%, 72%, 60%
CMY	0.5255, 0.2823, 0.4000
CMYK	0.34, 0.00, 0.16, 0.28
HSL	151°, 30%, 60%
HSV	151°, 34%, 72%
XYZ	30.5684, 40.2318, 36.2914
YIQ	161.0420, -27.3220, -22.4740

Conversions

Conversions Part 2

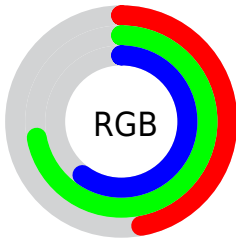
Format	Color
RYB	121, 162, 183
Decimal	7976857
CIELab	69.63, -26.54, 8.98
CIELCh	70, 28.021, 161.315
Yxy	40.2318, 0.2854, 0.3757
Android (android.graphics.Color)	4286166937 (0xFF79B799)
YUV	161.0420, -3.9647, -35.1168
Hunter-Lab	63.4285, -24.9746, 10.4765

Details

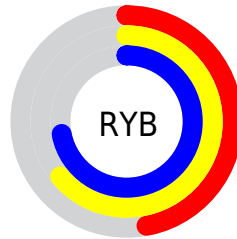
The XYZ color **30.5684, 40.2318, 36.2914** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.9531, 25.9774, 32.6097**, and the grayscale version is **33.9236, 35.6903, 38.8667**.

A 20% lighter version of the original color is **59.8082, 75.3520, 70.4236**, and **12.8351, 18.1898, 15.4049** is the 20% darker color. If you saturate the color by 10%, you get **27.5388, 38.7524, 32.4727**, and if you desaturate by 10%, it is **34.1410, 41.9870, 40.4206**.

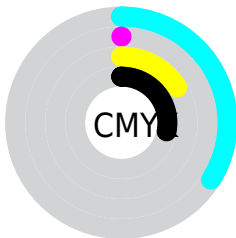
Distribution



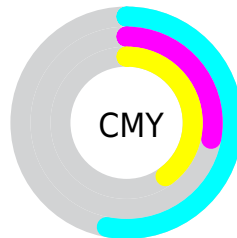
- Red (47%)
- Green (72%)
- Blue (60%)



- Red (47%)
- Yellow (64%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)



- Cyan (53%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5684, 40.2318, 36.2914 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 30.5684, 40.2318, 36.2914 by changing the saturation by 10% instead.

■ 30.5684, 40.2318,
36.2914

■ 30.5684, 40.2318,
36.2914

296.4075,
347.0996, 345.3083

■ 20.4206, 27.7193,
24.3679

■ 59.9404, 75.5164,
70.6557

■ 12.8112, 18.1142,
15.3920

■ 79.8953, 99.0572,
93.9335

■ 7.3748, 11.0320,
8.9453

■ 103.8500,
127.0430, 121.8332

■ 3.7460, 6.0884,
4.6092

132.1699,
159.8581, 154.7733

■ 1.5594, 2.8989,
1.9651

165.2202,
197.8869, 193.1723

■ 0.3658, 1.0792,
0.5337

203.3663,

■ 0.0000, 0.0000,

241.5139, 237.4488

0.0000

246.9736,
291.1233, 288.0212

■ 30.5684, 40.2318,
36.2914

■ 30.5684, 40.2318,
36.2914

■ 27.5388, 38.7524,
32.4727

■ 34.1410, 41.9870,
40.4206

■ 25.0201, 37.5293,
28.9544

■ 38.2799, 44.0266,
44.8648

■ 22.9818, 36.5478,
25.7295


■ 43.0109, 46.3649,
49.6318


■ 21.3889, 35.7900,
22.7899

■ 48.3573, 49.0138,
54.7282


■ 20.2007, 35.2352,
20.1269


■ 54.3409, 51.9844,
60.1605


 19.3688, 34.8585,
17.7310

 60.9827, 55.2874,
65.9350

 18.9749, 34.6847,
16.3906

 68.3026, 58.9330,
72.0578

 71.6076, 60.5018,
78.3142

 72.8393, 60.9945,
84.8000

Harmonies

Analogous

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



32.7729, 40.2318, 27.6160



30.5684, 40.2318, 36.2914



30.3195, 40.2318, 48.8838

Triad

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



30.5684, 40.2318, 36.2914



39.9734, 40.2318, 73.0956



45.1602, 40.2318, 29.3163

Complementary

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



30.5684, 40.2318, 36.2914



31.9531, 25.9774, 32.6097

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.



47.4300, 40.2318, 39.0919



30.5684, 40.2318, 36.2914



44.2816, 40.2318, 65.3358

Square

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



30.5684, 40.2318, 36.2914



35.5165, 40.2318, 71.9346



47.0964, 40.2318, 52.2914



41.0974, 40.2318, 24.1720

Rectangle

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



30.5684, 40.2318, 36.2914



31.2712, 40.2318, 58.0895



47.0964, 40.2318, 52.2914



46.1721, 40.2318, 32.0791

Sweetspot

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



30.5695, 40.2335, 36.2923



71.5774, 80.3397, 83.4522



33.3349, 41.9246, 24.4250



15.5538, 17.6184, 18.1715



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.5695, 40.2335, 36.2923



50.4344, 69.9458, 59.6157



33.3672, 41.3525, 51.0249



9.0786, 10.1354, 10.5715



13.2715, 24.2095, 11.6174



0.4990, 0.8659, 0.5735

Inverse Universe

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



31.9531, 25.9774, 32.6097



53.3075, 40.3492, 51.9741



29.8181, 25.1234, 21.3674



9.1808, 9.0827, 10.2994



14.9026, 7.5348, 7.3739



0.5567, 0.2781, 0.4248

Previews

White Background



This preview shows how the XYZ color 30.5684, 40.2318, 36.2914 looks on a white background.

Color Contrast Check

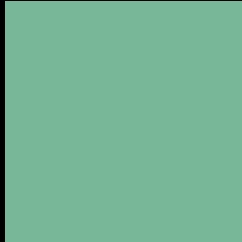
Large Text (above 18pt) WCAG AA × Fail

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 30.5684, 40.2318, 36.2914 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 30.5684, 40.2318, 36.2914

Background



This preview shows how black text looks on a background with the XYZ color 30.5684, 40.2318, 36.2914.



This preview shows how white text looks on a background with the XYZ color 30.5684, 40.2318,

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

30.5684, 40.2318, 36.2914

Protanopia

37.7364, 39.9162, 32.9098

Deuteranopia

40.4182, 39.5759, 37.4069



Tritanopia

34.4881, 40.3137, 55.8328

Trichromacy



Original Color

30.5684, 40.2318, 36.2914

Protanomaly

34.4655, 39.6101, 34.2628

Deuteranomaly

35.8925, 39.1491, 37.1173

Tritanomaly

32.9613, 40.2925, 48.1595

Monochromacy



Original Color

30.5684, 40.2318, 36.2914

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.2136, 36.9555, 37.7830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5684, 40.2318, 36.2914 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(121, 183, 153)` looks like.

```
.text, #text, p{  
    color:rgb(121, 183, 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(121, 183, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 183, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.5684, 40.2318, 36.2914 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(121, 183, 153) }
```


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

```
.border{ border-color:rgb(121, 183, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 183, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 183, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 183, 153);  
box-shadow:4px 4px 4px 4px rgb(121, 183,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5684, 40.2318, 36.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 183, 153) }
```

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

```
.background{ background-color: rgb(121,  
183, 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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