

Converting Colors

XYZ(30.6342, 34.7765, 44.2310)

Have a look what the booklet for
XYZ(30.6342, 34.7765, 44.2310)
contains.

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Color

**XYZ(30.7330, 34.9572,
44.1573)**

Conversions

Conversions Part 1

Format	Color
Hex	86A5AC
RGB	134, 165, 172
RGB Percent	53%, 65%, 67%
CMY	0.4745, 0.3529, 0.3255
CMYK	0.22, 0.04, 0.00, 0.33
HSL	191°, 19%, 60%
HSV	191°, 22%, 67%
XYZ	30.7330, 34.9572, 44.1573
YIQ	156.5290, -20.7230, -4.3950

Conversions

Conversions Part 2

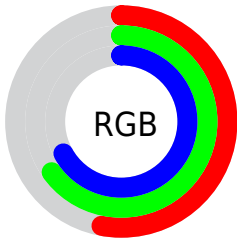
Format	Color
RYB	134, 151, 172
Decimal	8824236
CIELab	65.72, -9.04, -7.15
CIELCh	66, 11.525, 218.350
Yxy	34.9572, 0.2798, 0.3182
Android (android.graphics.Color)	4287014316 (0xFF86A5AC)
YUV	156.5290, 7.6272, -19.7579
Hunter-Lab	59.1246, -10.6837, -2.8936

Details

The XYZ color **30.7330, 34.9572, 44.1573** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8414, 29.5415, 26.6313**, and the grayscale version is **31.8108, 33.4674, 36.4460**.

A 20% lighter version of the original color is **60.1974, 67.4238, 82.5144**, and **12.8626, 15.0053, 19.9877** is the 20% darker color. If you saturate the color by 10%, you get **27.6475, 32.5298, 43.8520**, and if you desaturate by 10%, it is **34.2807, 37.6456, 44.4898**.

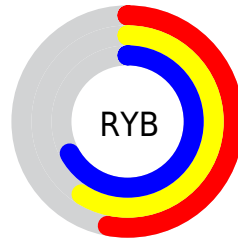
Distribution



Red (53%)

Green (65%)

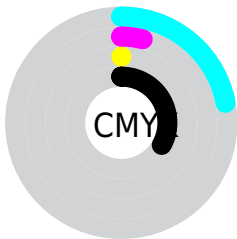
Blue (67%)



Red (53%)

Yellow (59%)

Blue (67%)

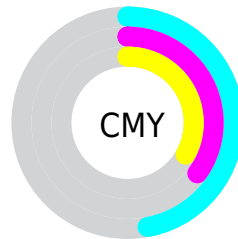


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7330, 34.9572, 44.1573 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 30.7330, 34.9572, 44.1573 by changing the saturation by 10% instead.

■ 30.7330, 34.9572,
44.1573

■ 30.7330, 34.9572,
44.1573

297.1553,
324.3794, 379.4099

■ 20.5464, 23.6299,
30.4561

■ 60.1982, 67.4195,
82.7594

■ 12.9034, 15.0593,
19.9300

■ 80.2075, 89.3232,
108.4973

■ 7.4386, 8.8610,
12.1606

■ 104.2218,
115.5212, 139.0846

■ 3.7867, 4.6506,
6.7293

132.6064,
146.3980, 174.9398

■ 1.5822, 2.0438,
3.2175

165.7267,
182.3377, 216.4814

■ 0.3807, 0.6327,
1.2067

203.9480,

■ 0.0000, 0.0000,

223.7250, 264.1279

0.0000

247.6358,
270.9440, 318.2979

■ 30.7330, 34.9572,
44.1573

■ 30.7330, 34.9572,
44.1573

■ 27.6475, 32.5298,
43.8520

■ 34.2807, 37.6456,
44.4898

■ 24.9993, 30.3478,
43.5704

■ 38.3075, 40.6014,
44.8481

■ 22.7662, 28.4005,
43.3122

■ 42.8335, 43.8357,
45.2338

■ 20.9224, 26.6745,
43.0762

■ 47.8766, 47.3581,
45.6479

■ 19.4394, 25.1548,
42.8611

■ 53.4537, 51.1773,
46.0912

■ 18.2844, 23.8245,
42.6652

■ 59.5811, 55.3020,
46.5644

■ 17.4188, 22.6634,
42.4867

■ 66.2743, 59.7403,
47.0682

■ 16.8726, 21.8307,
42.3547

■ 67.1741, 61.2139,
47.3053

■ 67.8693, 62.6042,
47.5370

Harmonies

Analogous

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



30.1021, 34.9572, 39.4351



30.7330, 34.9572, 44.1573



32.0369, 34.9572, 47.4213

Triad

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



30.7330, 34.9572, 44.1573



36.3504, 34.9572, 41.6137



32.7544, 34.9572, 29.5484

Complementary

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



30.7330, 34.9572, 44.1573



30.8414, 29.5415, 26.6313

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.



34.4437, 34.9572, 30.0239



30.7330, 34.9572, 44.1573



36.5584, 34.9572, 36.7220

Square

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



30.7330, 34.9572, 44.1573



35.2908, 34.9572, 45.8679



35.8498, 34.9572, 32.5559



31.2429, 34.9572, 31.1969

Rectangle

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



30.7330, 34.9572, 44.1573



33.1319, 34.9572, 48.1838



35.8498, 34.9572, 32.5559



33.3198, 34.9572, 29.4681

Sweetspot

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



30.7340, 34.9586, 44.1581



65.7069, 70.8953, 81.0268



29.3898, 36.4960, 30.6823



14.1902, 15.3414, 17.6010



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.



30.7340, 34.9586, 44.1581



52.6354, 60.9869, 79.8032



27.5625, 28.6155, 43.1009



8.1091, 8.8175, 10.2272



12.5928, 16.3194, 31.5308



0.3824, 0.5181, 0.8878

Inverse Universe

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



32.3307, 28.5381, 39.4034



56.1476, 47.2114, 69.2661



33.8819, 35.6225, 27.6449



8.2729, 8.1224, 9.7476



16.2199, 7.9505, 19.3351



0.4674, 0.2276, 0.6231

Previews

White Background



This preview shows how the XYZ color 30.7330, 34.9572, 44.1573 looks on a white background.

Color Contrast Check

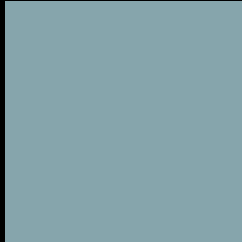
Large Text (above 18pt) WCAG AA × Fail

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 30.7330, 34.9572, 44.1573 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

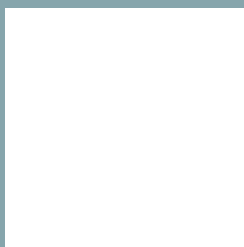
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7330, 34.9572, 44.1573

Background



This preview shows how black text looks on a background with the XYZ color 30.7330, 34.9572, 44.1573.



This preview shows how white text looks on a background with the XYZ color 30.7330, 34.9572,

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

30.7330, 34.9572, 44.1573

Protanopia

33.7919, 34.7545, 41.9730

Deuteranopia

35.5098, 34.8235, 44.8944



Tritanopia

31.2029, 34.8761, 46.6822

Trichromacy



Original Color

30.7330, 34.9572, 44.1573

Protanomaly

32.6688, 34.9336, 42.5571

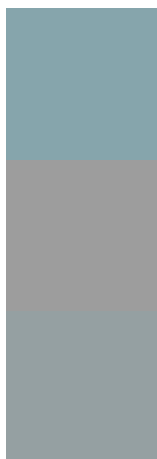
Deuteranomaly

33.6513, 34.8813, 44.4943

Tritanomaly

31.0050, 34.7970, 45.6398

Monochromacy



Original Color

30.7330, 34.9572, 44.1573

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.4868, 34.1398, 39.1125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7330, 34.9572, 44.1573 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(134, 165, 172)` looks like.

```
.text, #text, p{  
    color:rgb(134, 165, 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(134, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 165, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.7330, 34.9572, 44.1573 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(134, 165, 172) }
```


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

```
.border{ border-color:rgb(134, 165, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(134, 165,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7330, 34.9572, 44.1573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 165, 172) }
```

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

```
.background{ background-color: rgb(134,  
165, 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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