

Converting Colors

XYZ(30.0526, 36.1706, 43.7953)

Have a look what the booklet for
XYZ(30.0526, 36.1706, 43.7953)
contains.

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Color

**XYZ(30.0820, 36.2770,
43.9448)**

Conversions

Conversions Part 1

Format	Color
Hex	7BABAB
RGB	123, 171, 171
RGB Percent	48%, 67%, 67%
CMY	0.5176, 0.3294, 0.3294
CMYK	0.28, 0.00, 0.00, 0.33
HSL	180°, 22%, 58%
HSV	180°, 28%, 67%
XYZ	30.0820, 36.2770, 43.9448
YIQ	156.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

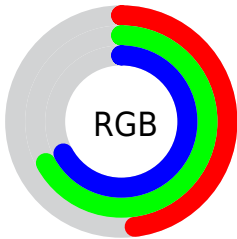
Format	Color
R _{YB}	123, 147, 171
Decimal	8104875
CIE Lab	66.73, -15.86, -5.16
CIE LCh	67, 16.676, 198.032
Yxy	36.2770, 0.2727, 0.3289
Android (android.graphics.Color)	4286294955 (0xFF7BABAB)
YUV	156.6480, 7.0755, -29.5093
Hunter-Lab	60.2304, -16.2516, -1.0974

Details

The XYZ color **30.0820, 36.2770, 43.9448** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.4540, 24.2550, 21.9750**, and the grayscale version is **31.8690, 33.5287, 36.5128**.

A 20% lighter version of the original color is **59.0553, 69.2308, 82.2018**, and **12.5991, 15.9033, 19.8584** is the 20% darker color. If you saturate the color by 10%, you get **27.8465, 35.1255, 43.8406**, and if you desaturate by 10%, it is **32.7469, 37.6517, 44.0706**.

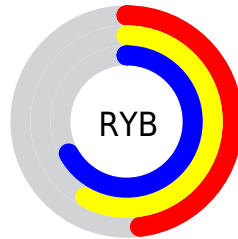
Distribution



Red (48%)

Green (67%)

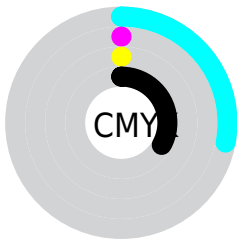
Blue (67%)



Red (48%)

Yellow (58%)

Blue (67%)

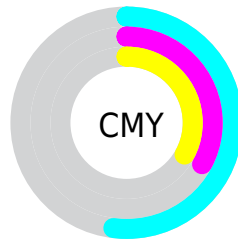


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0820, 36.2770, 43.9448 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 30.0820, 36.2770, 43.9448 by changing the saturation by 10% instead.

■ 30.0820, 36.2770,
43.9448

■ 30.0820, 36.2770,
43.9448

294.1895,
330.1696, 378.5177

■ 20.0492, 24.6482,
30.2902

■ 59.1776, 69.4594,
82.4363

■ 12.5393, 15.8152,
19.8051

■ 78.9711, 91.7818,
108.1102

■ 7.1869, 9.3934,
12.0708

■ 102.7489,
118.4375, 138.6278

■ 3.6266, 4.9987,
6.6688

130.8763,
149.8109, 174.4074

■ 1.4931, 2.2465,
3.1805

163.7187,
186.2864, 215.8677

■ 0.3212, 0.7452,
1.1875

201.6415,

■ 0.0000, 0.0000,

228.2485, 263.4271

0.0000

245.0099,
276.0814, 317.5043

■ 30.0820, 36.2770,
43.9448

■ 30.0820, 36.2770,
43.9448

■ 27.8465, 35.1255,
43.8406

■ 32.7469, 37.6517,
44.0706

■ 26.0150, 34.1813,
43.7546

■ 35.8587, 39.2559,
44.2166

■ 24.5644, 33.4335,
43.6864

■ 39.4378, 41.1010,
44.3844

■ 23.4679, 32.8682,
43.6348

■ 43.5021, 43.1962,
44.5749

■ 22.6951, 32.4698,
43.5983

■ 48.0690, 45.5505,
44.7889

■ 22.2107, 32.2201,
43.5753

■ 53.1548, 48.1723,
45.0273

■ 21.9552, 32.0884,
43.5630

■ 58.7751, 51.0697,
45.2906

■ 21.9139, 32.0671,
43.5610

■ 63.1548, 53.3275,
45.4959

■ 63.1549, 53.3275,
45.4962

Harmonies

Analogous

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



29.9613, 36.2770, 36.6957



30.0820, 36.2770, 43.9448



31.3455, 36.2770, 50.7211

Triad

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



30.0820, 36.2770, 43.9448



38.2033, 36.2770, 49.5068



35.4931, 36.2770, 27.4379

Complementary

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



30.0820, 36.2770, 43.9448



27.4540, 24.2550, 21.9750

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.



37.8172, 36.2770, 30.0685



30.0820, 36.2770, 43.9448



39.4321, 36.2770, 42.4426

Square

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



30.0820, 36.2770, 43.9448



35.9993, 36.2770, 54.1914



39.2875, 36.2770, 35.3645



33.0044, 36.2770, 27.7364

Rectangle

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



30.0820, 36.2770, 43.9448



32.7021, 36.2770, 53.7905



39.2875, 36.2770, 35.3645



36.3216, 36.2770, 27.9944

Sweetspot

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



30.0831, 36.2785, 43.9456



64.1759, 70.2805, 79.1845



26.4225, 34.8275, 24.0695



14.1166, 15.5724, 17.6493



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.



30.0831, 36.2785, 43.9456



51.1748, 63.5783, 78.5745



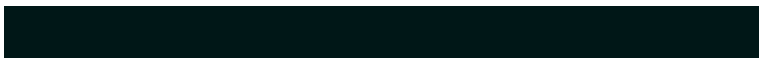
26.0787, 28.2696, 42.6117



8.2364, 9.0721, 10.2696



16.5192, 24.1729, 32.8373



0.4595, 0.6725, 0.9135

Inverse Universe

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



27.4540, 24.2550, 21.9750



45.6435, 38.2823, 32.3508



30.6808, 30.7088, 23.0501



8.0053, 8.0154, 8.3386



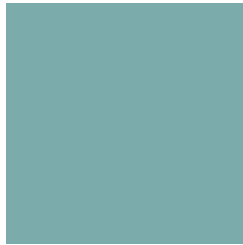
12.6607, 6.5268, 0.5927



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 30.0820, 36.2770, 43.9448 looks on a white background.

Color Contrast Check

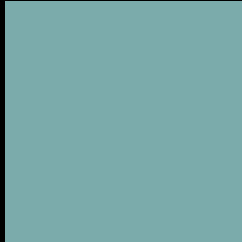
Large Text (above 18pt) WCAG AA × Fail

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 30.0820, 36.2770, 43.9448 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

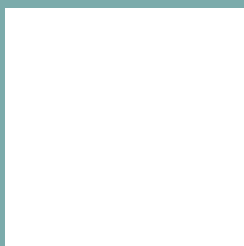
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0820, 36.2770, 43.9448

Background



This preview shows how black text looks on a background with the XYZ color 30.0820, 36.2770, 43.9448.

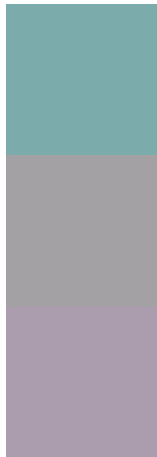


This preview shows how white text looks on a background with the XYZ color 30.0820, 36.2770,

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

30.0820, 36.2770, 43.9448

Protanopia

34.8462, 36.0989, 40.7285

Deuteranopia

36.7102, 35.9406, 45.0468



Tritanopia

31.3394, 36.2305, 50.1412

Trichromacy



Original Color

30.0820, 36.2770, 43.9448

Protanomaly

32.8246, 36.0898, 41.7952

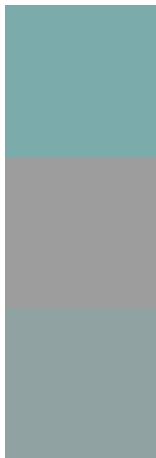
Deuteranomaly

33.7896, 35.7278, 44.6504

Tritanomaly

30.9689, 36.3641, 48.0346

Monochromacy



Original Color

30.0820, 36.2770, 43.9448

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.1190, 34.4690, 39.1955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0820, 36.2770, 43.9448 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, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(123, 171, 171)  
}
```

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, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.0820, 36.2770, 43.9448 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, 171, 171) }
```


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

```
.border{ border-color:rgb(123, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(123, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0820, 36.2770, 43.9448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 171, 171) }
```

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

```
.background{ background-color: rgb(123,  
171, 171) }
```

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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