

Converting Colors

XYZ(30.3954, 35.6929, 42.4336)

Have a look what the booklet for
XYZ(30.3954, 35.6929, 42.4336)
contains.

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Color

**XYZ(30.2764, 35.5782,
42.3173)**

Conversions

Conversions Part 1

Format	Color
Hex	82A8A8
RGB	130, 168, 168
RGB Percent	51%, 66%, 66%
CMY	0.4902, 0.3412, 0.3412
CMYK	0.23, 0.00, 0.00, 0.34
HSL	180°, 18%, 58%
HSV	180°, 23%, 66%
XYZ	30.2764, 35.5782, 42.3173
YIQ	156.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

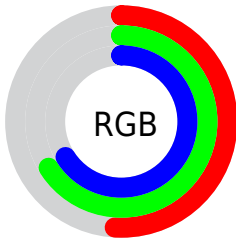
Format	Color
RYB	130, 149, 168
Decimal	8562856
CIELab	66.20, -12.82, -4.24
CIELCh	66, 13.502, 198.285
Yxy	35.5782, 0.2799, 0.3289
Android (android.graphics.Color)	4286752936 (0xFF82A8A8)
YUV	156.6380, 5.6015, -23.3615
Hunter-Lab	59.6475, -13.7784, -0.3105

Details

The XYZ color **30.2764, 35.5782, 42.3173** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.1616, 25.9028, 24.6360**, and the grayscale version is **31.8690, 33.5287, 36.5127**.

A 20% lighter version of the original color is **59.4741, 68.2934, 79.8594**, and **12.6222, 15.4140, 18.8329** is the 20% darker color. If you saturate the color by 10%, you get **27.9072, 34.3577, 42.2067**, and if you desaturate by 10%, it is **33.0685, 37.0185, 42.4492**.

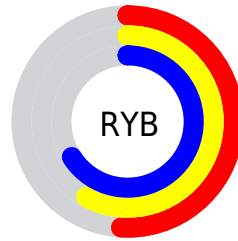
Distribution



Red (51%)

Green (66%)

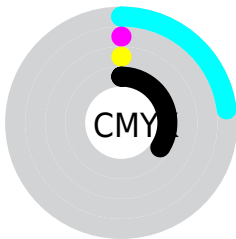
Blue (66%)



Red (51%)

Yellow (58%)

Blue (66%)

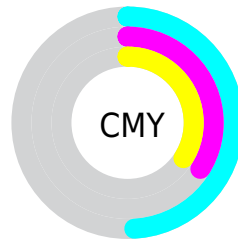


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2764, 35.5782, 42.3173 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 30.2764, 35.5782, 42.3173 by changing the saturation by 10% instead.

■ 30.2764, 35.5782,
42.3173

■ 30.2764, 35.5782,
42.3173

295.0775,
327.1132, 371.6350

■ 20.1976, 24.1086,
29.0224

■ 59.4826, 68.3805,
79.9549

■ 12.6479, 15.4142,
18.8520

■ 79.3408, 90.4821,
105.1347

■ 7.2618, 9.1106,
11.3877

■ 103.1894,
116.8964, 135.1131

■ 3.6742, 4.8134,
6.2108

131.3939,
148.0078, 170.3088

■ 1.5195, 2.1382,
2.9028

164.3196,
184.2008, 211.1404

■ 0.3390, 0.6860,
1.0452

202.3319,

■ 0.0000, 0.0000,

225.8598, 258.0262

0.0000

245.7960,
273.3691, 311.3849

■ 30.2764, 35.5782,
42.3173

■ 30.2764, 35.5782,
42.3173

■ 27.9072, 34.3577,
42.2067

■ 33.0685, 37.0185,
42.4492

■ 25.9372, 33.3422,
42.1141

■ 36.2993, 38.6840,
42.6009

■ 24.3456, 32.5217,
42.0391

■ 39.9878, 40.5855,
42.7739

■ 23.1081, 31.8837,
41.9807

■ 44.1508, 42.7316,
42.9692

■ 22.1975, 31.4143,
41.9376

■ 48.8043, 45.1305,
43.1875

■ 21.5831, 31.0976,
41.9084

■ 53.9635, 47.7902,
43.4294

■ 21.2279, 30.9145,
41.8913

■ 59.6431, 50.7181,
43.6957

■ 21.0705, 30.8334,
41.8836

■ 62.3119, 52.0940,
43.8210

■ 62.3120, 52.0940,
43.8215

Harmonies

Analogous

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



30.1700, 35.5782, 36.5337



30.2764, 35.5782, 42.3173



31.3081, 35.5782, 47.6052

Triad

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



30.2764, 35.5782, 42.3173



36.7848, 35.5782, 46.5832



34.6071, 35.5782, 28.8771

Complementary

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



30.2764, 35.5782, 42.3173



28.1616, 25.9028, 24.6360

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.



36.4544, 35.5782, 31.0475



30.2764, 35.5782, 42.3173



37.7445, 35.5782, 41.0305

Square

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



30.2764, 35.5782, 42.3173



35.0435, 35.5782, 50.2313



37.6213, 35.5782, 35.3676



32.6175, 35.5782, 29.1479

Rectangle

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



30.2764, 35.5782, 42.3173



32.4057, 35.5782, 49.9623



37.6213, 35.5782, 35.3676



35.2667, 35.5782, 29.3358

Sweetspot

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



30.2774, 35.5797, 42.3181



63.1233, 68.7801, 77.1734



27.3363, 34.4145, 26.3216



13.6868, 14.9543, 16.8171



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.2774, 35.5797, 42.3181



52.7501, 63.4326, 76.6862



27.1227, 29.2699, 41.2675



7.7476, 8.5321, 9.6568



15.9109, 23.2831, 31.6275



0.3871, 0.5665, 0.7695

Inverse Universe

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



28.1616, 25.9028, 24.6360



48.2433, 42.8204, 39.0226



30.8265, 31.2328, 25.5235



7.5311, 7.5423, 7.8482



12.1947, 6.2866, 0.5709



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 30.2764, 35.5782, 42.3173 looks on a white background.

Color Contrast Check

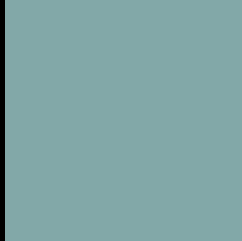
Large Text (above 18pt) WCAG AA × Fail

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 30.2764, 35.5782, 42.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

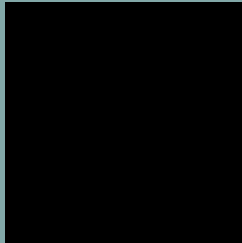
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2764, 35.5782, 42.3173

Background



This preview shows how black text looks on a background with the XYZ color 30.2764, 35.5782, 42.3173.



This preview shows how white text looks on a background with the XYZ color 30.2764, 35.5782,

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

30.2764, 35.5782, 42.3173

Protanopia

34.0820, 35.4673, 39.6999

Deuteranopia

36.0337, 35.3751, 43.4570



Tritanopia

31.3902, 35.4733, 48.3726

Trichromacy



Original Color

30.2764, 35.5782, 42.3173

Protanomaly

32.4664, 35.3950, 40.7181

Deuteranomaly

33.5368, 35.1118, 43.0399

Tritanomaly

31.0153, 35.5973, 46.3106

Monochromacy



Original Color

30.2764, 35.5782, 42.3173

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.2105, 34.2660, 38.6872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2764, 35.5782, 42.3173 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, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(130, 168, 168)  
}
```

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, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 30.2764, 35.5782, 42.3173 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, 168, 168) }
```


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

```
.border{ border-color:rgb(130, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(130, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2764, 35.5782, 42.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 168, 168) }
```

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

```
.background{ background-color: rgb(130,  
168, 168) }
```

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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