

Converting Colors

XYZ(30.3856, 35.2820, 42.7140)

Have a look what the booklet for
XYZ(30.3856, 35.2820, 42.7140)
contains.

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Color

**XYZ(30.4959, 35.4075,
42.7632)**

Conversions

Conversions Part 1

Format	Color
Hex	84A7A9
RGB	132, 167, 169
RGB Percent	52%, 65%, 66%
CMY	0.4823, 0.3451, 0.3372
CMYK	0.22, 0.01, 0.00, 0.34
HSL	183°, 18%, 59%
HSV	183°, 22%, 66%
XYZ	30.4959, 35.4075, 42.7632
YIQ	156.7630, -21.5020, -6.7980

Conversions

Conversions Part 2

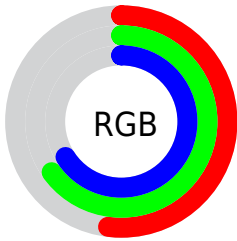
Format	Color
RYB	132, 150, 169
Decimal	8693673
CIELab	66.06, -11.43, -4.97
CIElCh	66, 12.465, 203.519
Yxy	35.4075, 0.2806, 0.3258
Android (android.graphics.Color)	4286883753 (0xFF84A7A9)
YUV	156.7630, 6.0328, -21.7172
Hunter-Lab	59.5042, -12.6511, -0.9563

Details

The XYZ color **30.4959, 35.4075, 42.7632** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.0526, 27.1515, 25.5401**, and the grayscale version is **31.9228, 33.5853, 36.5744**.

A 20% lighter version of the original color is **59.8255, 68.0635, 80.5054**, and **12.7350, 15.2952, 19.1107** is the 20% darker color. If you saturate the color by 10%, you get **27.8979, 33.8218, 42.5946**, and if you desaturate by 10%, it is **33.5253, 37.2192, 42.9538**.

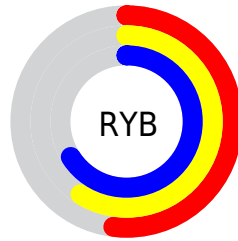
Distribution



Red (52%)

Green (65%)

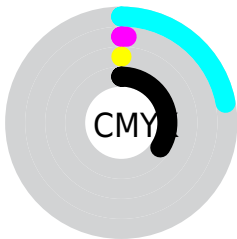
Blue (66%)



Red (52%)

Yellow (59%)

Blue (66%)

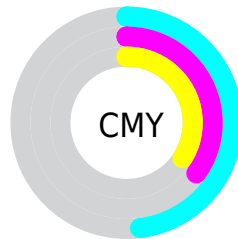


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (48%)


Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4959, 35.4075, 42.7632 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 30.4959, 35.4075, 42.7632 by changing the saturation by 10% instead.


 30.4959, 35.4075,
42.7632

 30.4959, 35.4075,
42.7632


296.0777,
326.3634, 373.5296


 20.3652, 23.9769,
29.3693


 59.8268, 68.1166,
80.6359

 12.7706, 15.3165,
19.1124


 79.7577, 90.1639,
105.9519

 7.3467, 9.0418,
11.5739


 103.6861,
116.5189, 136.0789

 3.7281, 4.7685,
6.3352

131.9774,
147.5660, 171.4356

 1.5495, 2.1121,
2.9779

164.9968,
183.6896, 212.4405

 0.3591, 0.6714,
1.0834

203.1098,

 0.0000, 0.0000,

225.2741, 259.5120

0.0000

246.6816,
272.7039, 313.0689

■ 30.4959, 35.4075,
42.7632

■ 30.4959, 35.4075,
42.7632

■ 27.8979, 33.8218,
42.5946

■ 33.5253, 37.2192,
42.9538

■ 25.7076, 32.4470,
42.4447

■ 37.0022, 39.2625,
43.1649

■ 23.9038, 31.2733,
42.3132

■ 40.9456, 41.5480,
43.3983

■ 22.4620, 30.2879,
42.1990

■ 45.3726, 44.0846,
43.6545

■ 21.3551, 29.4768,
42.1008

■ 50.2994, 46.8806,
43.9345

■ 20.5519, 28.8242,
42.0172

■ 55.7415, 49.9440,
44.2390

■ 20.0157, 28.3108,
41.9464

■ 61.7135, 53.2823,
44.5686

■ 19.7106, 27.9628,
41.8952

■ 63.5965, 54.5145,
44.7072

■ 63.7738, 54.8692,
44.7663

Harmonies

Analogous

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



30.2412, 35.4075, 37.4140



30.4959, 35.4075, 42.7632



31.5825, 35.4075, 47.3391

Triad

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



30.4959, 35.4075, 42.7632



36.5961, 35.4075, 44.9335



34.0570, 35.4075, 29.2893

Complementary

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



30.4959, 35.4075, 42.7632



29.0526, 27.1515, 25.5401

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.



35.8136, 35.4075, 30.9270



30.4959, 35.4075, 42.7632



37.3139, 35.4075, 39.7143

Square

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



30.4959, 35.4075, 42.7632



35.0935, 35.4075, 48.6702



37.0224, 35.4075, 34.6282



32.2540, 35.4075, 29.9446

Rectangle

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



30.4959, 35.4075, 42.7632



32.6545, 35.4075, 49.1716



37.0224, 35.4075, 34.6282



34.6732, 35.4075, 29.5846

Sweetspot

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



30.4969, 35.4089, 42.7640



62.9073, 68.3479, 77.1020



27.9971, 34.9992, 27.7802



13.6361, 14.8528, 16.8003



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.



30.4969, 35.4089, 42.7640



52.3958, 62.0662, 76.4435



27.3701, 29.1552, 41.7217



7.7123, 8.4616, 9.6451



14.7027, 20.8657, 31.2281



0.3678, 0.5278, 0.7631

Inverse Universe

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



31.5894, 27.7284, 40.2480



54.6971, 46.0161, 71.1147



31.8129, 32.6720, 26.4602



7.8242, 7.6595, 9.3912



16.9219, 8.1775, 25.4638



0.4168, 0.2010, 0.6464

Previews

White Background



This preview shows how the XYZ color 30.4959, 35.4075, 42.7632 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 30.4959, 35.4075, 42.7632 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

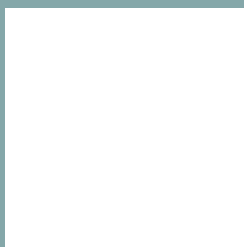
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4959, 35.4075, 42.7632

Background



This preview shows how black text looks on a background with the XYZ color 30.4959, 35.4075, 42.7632.



This preview shows how white text looks on a background with the XYZ color 30.4959, 35.4075,

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

30.4959, 35.4075, 42.7632

Protanopia

33.9993, 35.1580, 40.1162

Deuteranopia

36.0337, 35.3751, 43.4570



Tritanopia

31.4233, 35.2333, 47.7923

Trichromacy



Original Color

30.4959, 35.4075, 42.7632

Protanomaly

32.5658, 35.1731, 41.1491

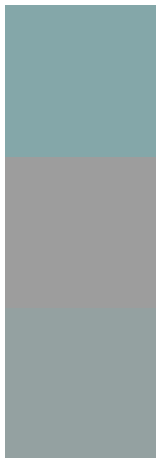
Deuteranomaly

33.7311, 35.2120, 43.0490

Tritanomaly

31.0469, 35.3541, 45.7451

Monochromacy



Original Color

30.4959, 35.4075, 42.7632

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.3906, 34.3588, 38.6957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4959, 35.4075, 42.7632 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(132, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(132, 167, 169)  
}
```

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(132, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 167, 169) }
```

Border

The CSS property to change the border of an element to XYZ 30.4959, 35.4075, 42.7632 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(132, 167, 169) }
```


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

```
.border{ border-color:rgb(132, 167, 169) }
```

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

Here you see how a box with a 4 pixel rgb(132, 167, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 167, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 167, 169);  
box-shadow:4px 4px 4px 4px rgb(132, 167,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4959, 35.4075, 42.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 167, 169) }
```

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

```
.background{ background-color: rgb(132,  
167, 169) }
```

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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