

Converting Colors

XYZ(30.2215, 35.6012, 43.7320)

Have a look what the booklet for
XYZ(30.2215, 35.6012, 43.7320)
contains.

XYZ(30.2554, 35.5347, 43.7923)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2554, 35.5347,
43.7923)**

Conversions

Conversions Part 1

Format	Color
Hex	80A8AB
RGB	128, 168, 171
RGB Percent	50%, 66%, 67%
CMY	0.4980, 0.3412, 0.3294
CMYK	0.25, 0.02, 0.00, 0.33
HSL	184°, 20%, 59%
HSV	184°, 25%, 67%
XYZ	30.2554, 35.5347, 43.7923
YIQ	156.3820, -24.8030, -7.5470

Conversions

Conversions Part 2

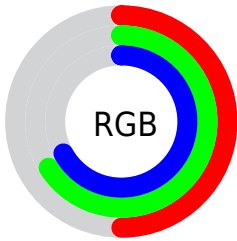
Format	Color
RYB	128, 149, 171
Decimal	8431787
CIELab	66.16, -12.75, -5.97
CIElCh	66, 14.083, 205.084
Yxy	35.5347, 0.2761, 0.3243
Android (android.graphics.Color)	4286621867 (0xFF80A8AB)
YUV	156.3820, 7.2067, -24.8910
Hunter-Lab	59.6110, -13.7220, -1.8288

Details

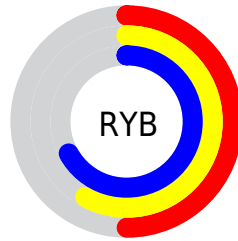
The XYZ color **30.2554, 35.5347, 43.7923** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.8076, 26.4493, 24.0097**, and the grayscale version is **31.7481, 33.4015, 36.3742**.

A 20% lighter version of the original color is **59.4065, 68.2114, 81.9866**, and **12.6357, 15.4005, 19.7594** is the 20% darker color. If you saturate the color by 10%, you get **27.6781, 33.8817, 43.6097**, and if you desaturate by 10%, it is **33.2702, 37.4181, 43.9975**.

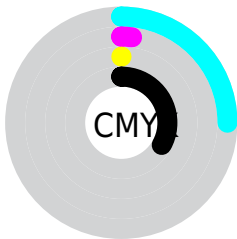
Distribution



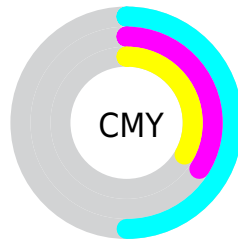
- Red (50%)
- Green (66%)
- Blue (67%)



- Red (50%)
- Yellow (58%)
- Blue (67%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2554, 35.5347, 43.7923 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 30.2554, 35.5347, 43.7923 by changing the saturation by 10% instead.

■ 30.2554, 35.5347,
43.7923

■ 30.2554, 35.5347,
43.7923

294.9816,
326.9222, 377.8766

■ 20.1816, 24.0751,
30.1713

■ 59.4497, 68.3133,
82.2043

■ 12.6361, 15.3893,
19.7155

■ 79.3009, 90.4010,
107.8323

■ 7.2537, 9.0931,
12.0064

■ 103.1419,
116.8002, 138.2996

■ 3.6690, 4.8019,
6.6254

131.3380,
147.8953, 174.0250

■ 1.5166, 2.1315,
3.1541

164.2548,
184.0706, 215.4268

■ 0.3371, 0.6823,
1.1738

202.2573,

■ 0.0000, 0.0000,

225.7106, 262.9236

0.0000

245.7112,
273.1997, 316.9340

■ 30.2554, 35.5347,
43.7923

■ 30.2554, 35.5347,
43.7923

■ 27.6781, 33.8817,
43.6097

■ 33.2702, 37.4181,
43.9975

■ 25.5136, 32.4436,
43.4462

■ 36.7398, 39.5379,
44.2238

■ 23.7393, 31.2096,
43.3015

■ 40.6839, 41.9055,
44.4729

■ 22.3291, 30.1663,
43.1744

■ 45.1205, 44.5300,
44.7457

■ 21.2540, 29.2987,
43.0636

■ 50.0666, 47.4201,
45.0428

■ 20.4803, 28.5894,
42.9675

■ 55.5382, 50.5842,
45.3652

■ 19.9662, 28.0170,
42.8841

■ 61.5508, 54.0302,
45.7134

■ 19.7625, 27.7637,
42.8460

■ 64.4200, 55.8587,
45.9151

■ 64.6575, 56.3337,
45.9943

Harmonies

Analogous

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



29.9173, 35.5347, 37.7108



30.2554, 35.5347, 43.7923



31.5206, 35.5347, 48.9455

Triad

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



30.2554, 35.5347, 43.7923



37.1874, 35.5347, 45.6788



34.1211, 35.5347, 28.2957

Complementary

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



30.2554, 35.5347, 43.7923



28.8076, 26.4493, 24.0097

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.



36.1337, 35.5347, 29.9796



30.2554, 35.5347, 43.7923



37.9501, 35.5347, 39.6885

Square

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



30.2554, 35.5347, 43.7923



35.5118, 35.5347, 50.1112



37.5568, 35.5347, 34.0025



32.0952, 35.5347, 29.1532

Rectangle

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



30.2554, 35.5347, 43.7923



32.7482, 35.5347, 50.9469



37.5568, 35.5347, 34.0025



34.8224, 35.5347, 28.5778

Sweetspot

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



30.2564, 35.5361, 43.7931



63.8488, 69.6262, 79.0759



27.5534, 35.3507, 26.7973



14.0305, 15.4001, 17.6207



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.



30.2564, 35.5361, 43.7931



51.6059, 61.9976, 78.2487



26.6303, 28.2838, 42.5844



8.1878, 8.9750, 10.2535



14.9137, 20.9612, 32.3044



0.4288, 0.6109, 0.9033

Inverse Universe

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



31.5825, 26.9243, 40.5797



54.4005, 44.0676, 71.4275



31.9794, 32.7928, 25.0670



8.3126, 8.1383, 9.9570



17.3914, 8.4191, 25.5041



0.4908, 0.2370, 0.7465

Previews

White Background



This preview shows how the XYZ color 30.2554, 35.5347, 43.7923 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 30.2554, 35.5347, 43.7923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

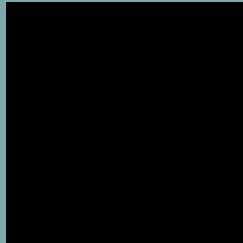
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2554, 35.5347, 43.7923

Background



This preview shows how black text looks on a background with the XYZ color 30.2554, 35.5347, 43.7923.



This preview shows how white text looks on a background with the XYZ color 30.2554, 35.5347,

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

30.2554, 35.5347, 43.7923

Protanopia

34.1814, 35.2308, 41.0751

Deuteranopia

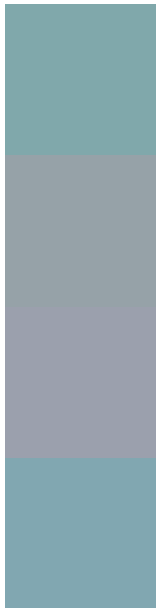
36.1060, 35.3790, 44.9702



Tritanopia

31.2629, 35.6785, 48.4189

Trichromacy



Original Color

30.2554, 35.5347, 43.7923

Protanomaly

32.5659, 35.1518, 42.1144

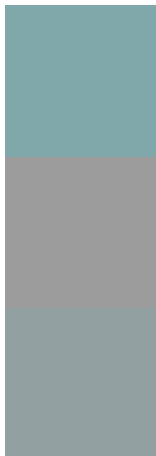
Deuteranomaly

33.6312, 35.1273, 44.5429

Tritanomaly

30.8078, 35.4789, 46.8193

Monochromacy



Original Color

30.2554, 35.5347, 43.7923

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.8579, 33.8258, 38.6209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2554, 35.5347, 43.7923 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(128, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(128, 168, 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(128, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 168, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.2554, 35.5347, 43.7923 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(128, 168, 171) }
```


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

```
.border{ border-color:rgb(128, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(128, 168,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2554, 35.5347, 43.7923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 168, 171) }
```

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

```
.background{ background-color: rgb(128,  
168, 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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