

Converting Colors

XYZ(30.1116, 35.5938, 41.5024)

Have a look what the booklet for
XYZ(30.1116, 35.5938, 41.5024)
contains.

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Color

**XYZ(30.0915, 35.5043,
41.3434)**

Conversions

Conversions Part 1

Format	Color
Hex	82A8A6
RGB	130, 168, 166
RGB Percent	51%, 66%, 65%
CMY	0.4902, 0.3412, 0.3490
CMYK	0.23, 0.00, 0.01, 0.34
HSL	177°, 18%, 58%
HSV	177°, 23%, 66%
XYZ	30.0915, 35.5043, 41.3434
YIQ	156.4100, -22.0060, -8.6780

Conversions

Conversions Part 2

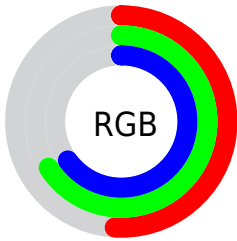
Format	Color
RYB	130, 150, 168
Decimal	8562854
CIELab	66.14, -13.27, -3.21
CIElCh	66, 13.653, 193.581
Yxy	35.5043, 0.2814, 0.3320
Android (android.graphics.Color)	4286752934 (0xFF82A8A6)
YUV	156.4100, 4.7279, -23.1616
Hunter-Lab	59.5855, -14.1296, 0.5715

Details

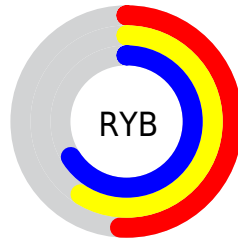
The XYZ color **30.0915, 35.5043, 41.3434** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.2972, 25.9570, 25.3501**, and the grayscale version is **31.7705, 33.4251, 36.3999**.

A 20% lighter version of the original color is **59.2060, 68.1862, 78.4474**, and **12.5071, 15.3680, 18.2267** is the 20% darker color. If you saturate the color by 10%, you get **27.6414, 34.2515, 40.8070**, and if you desaturate by 10%, it is **32.9650, 36.9772, 41.9040**.

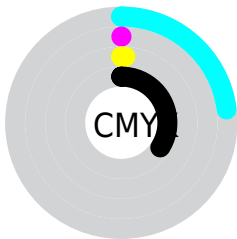
Distribution



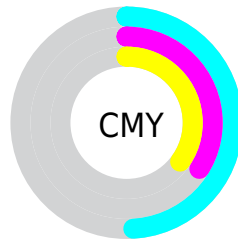
- Red (51%)
- Green (66%)
- Blue (65%)



- Red (51%)
- Yellow (59%)
- Blue (66%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0915, 35.5043, 41.3434 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 30.0915, 35.5043, 41.3434 by changing the saturation by 10% instead.

■ 30.0915, 35.5043,
41.3434

■ 30.0915, 35.5043,
41.3434

294.2329,
326.7887, 367.4729

■ 20.0565, 24.0516,
28.2658

■ 59.1925, 68.2663,
78.4642

■ 12.5446, 15.3719,
18.2853

■ 78.9891, 90.3443,
103.3445

■ 7.1905, 9.0808,
10.9835

■ 102.7704,
116.7330, 132.9962

■ 3.6289, 4.7939,
5.9417

130.9016,
147.8166, 167.8376

■ 1.4944, 2.1269,
2.7414

163.7481,
183.9796, 208.2875

■ 0.3220, 0.6797,
0.9642

201.6752,

■ 0.0000, 0.0000,

225.6063, 254.7643

0.0000

245.0484,
273.0813, 307.6866

■ 30.0915, 35.5043,
41.3434

■ 30.0915, 35.5043,
41.3434

■ 27.6414, 34.2515,
40.8070

■ 32.9650, 36.9772,
41.9040

■ 25.5912, 33.2039,
40.2915

■ 36.2778, 38.6755,
42.4874

■ 23.9198, 32.3515,
39.7966

■ 40.0489, 40.6100,
43.0951

■ 22.6030, 31.6818,
39.3212

■ 44.2949, 42.7893,
43.7281

■ 21.6139, 31.1810,
38.8640

■ 49.0321, 45.2217,
44.3869

■ 20.9213, 30.8330,
38.4237

■ 54.2756, 47.9151,
45.0724

■ 20.4886, 30.6189,
37.9983

■ 60.0399, 50.8769,
45.7852

■ 20.2744, 30.5150,
37.6911

■ 62.7941, 52.2869,
46.3601

■ 62.8802, 52.3213,
46.8130

Harmonies

Analogous

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



30.1379, 35.5043, 35.5832



30.0915, 35.5043, 41.3434



30.9960, 35.5043, 46.8893

Triad

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



30.0915, 35.5043, 41.3434



36.5092, 35.5043, 47.3361



34.8613, 35.5043, 28.8948

Complementary

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



30.0915, 35.5043, 41.3434



28.2972, 25.9570, 25.3501

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.



36.6535, 35.5043, 31.4515



30.0915, 35.5043, 41.3434



37.6307, 35.5043, 41.9053

Square

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



30.0915, 35.5043, 41.3434



34.6708, 35.5043, 50.5762



37.6845, 35.5043, 36.0918



32.8373, 35.5043, 28.7769

Rectangle

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



30.0915, 35.5043, 41.3434



32.0384, 35.5043, 49.5603



37.6845, 35.5043, 36.0918



35.5127, 35.5043, 29.4849

Sweetspot

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



30.0925, 35.5058, 41.3442



63.0170, 68.7376, 76.6135



27.6323, 34.5671, 26.3355



13.6619, 14.9443, 16.6855



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.



30.0925, 35.5058, 41.3442



52.3428, 63.2697, 74.5414



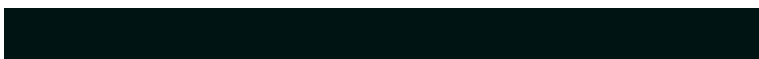
27.4275, 29.8794, 41.3692



7.7302, 8.5251, 9.5655



15.3157, 23.0451, 28.4932



0.3776, 0.5627, 0.7195

Inverse Universe

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



28.2972, 25.9570, 25.3501



48.5196, 42.9310, 40.4778



30.5300, 30.6397, 25.4247



7.5465, 7.5485, 7.9293



12.2374, 6.3037, 0.7955



0.3026, 0.1553, 0.0449

Previews

White Background



This preview shows how the XYZ color 30.0915, 35.5043, 41.3434 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 30.0915, 35.5043, 41.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

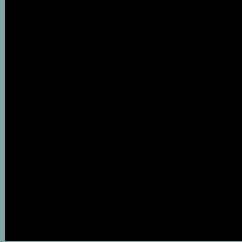
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0915, 35.5043, 41.3434

Background



This preview shows how black text looks on a background with the XYZ color 30.0915, 35.5043, 41.3434.

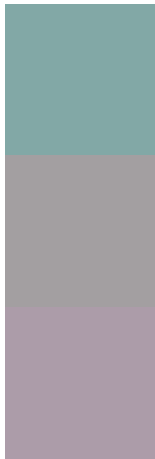


This preview shows how white text looks on a background with the XYZ color 30.0915, 35.5043,

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

30.0915, 35.5043, 41.3434

Protanopia

33.9354, 35.1560, 38.7154

Deuteranopia

36.0632, 35.4122, 42.4706



Tritanopia

31.4458, 35.5137, 47.8453

Trichromacy



Original Color

30.0915, 35.5043, 41.3434

Protanomaly

32.2937, 35.0643, 39.7164

Deuteranomaly

33.5433, 35.1369, 42.0600

Tritanomaly

30.9744, 35.5990, 45.2832

Monochromacy



Original Color

30.0915, 35.5043, 41.3434

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.9486, 33.8827, 38.1666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0915, 35.5043, 41.3434 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(130, 168, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 168, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.0915, 35.5043, 41.3434 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, 166) }
```


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

```
.border{ border-color:rgb(130, 168, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 168, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 168, 166);  
box-shadow:4px 4px 4px 4px rgb(130, 168,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0915, 35.5043, 41.3434 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, 166) }
```

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

```
.background{ background-color: rgb(130,  
168, 166) }
```

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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