

Converting Colors

XYZ(30.9795, 34.1255, 41.6208)

Have a look what the booklet for
XYZ(30.9795, 34.1255, 41.6208)
contains.

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Color

**XYZ(30.8752, 34.0305,
41.5005)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA1A7
RGB	142, 161, 167
RGB Percent	56%, 63%, 65%
CMY	0.4431, 0.3686, 0.3451
CMYK	0.15, 0.04, 0.00, 0.35
HSL	194°, 12%, 61%
HSV	194°, 15%, 65%
XYZ	30.8752, 34.0305, 41.5005
YIQ	156.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

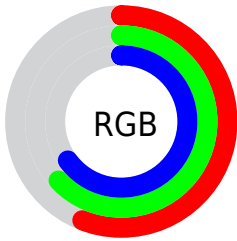
Format	Color
RYB	142, 153, 167
Decimal	9347495
CIELab	64.99, -5.37, -5.38
CIELCh	65, 7.599, 225.036
Yxy	34.0305, 0.2902, 0.3198
Android (android.graphics.Color)	4287537575 (0xFF8EA1A7)
YUV	156.0030, 5.4215, -12.2806
Hunter-Lab	58.3357, -7.6131, -1.3445

Details

The XYZ color **30.8752, 34.0305, 41.5005** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4089, 31.3482, 29.9871**, and the grayscale version is **31.5828, 33.2276, 36.1848**.

A 20% lighter version of the original color is **60.5056, 66.1214, 78.6810**, and **12.9848, 14.6138, 18.3560** is the 20% darker color. If you saturate the color by 10%, you get **27.5331, 31.2856, 41.1474**, and if you desaturate by 10%, it is **34.6710, 37.0444, 41.8827**.

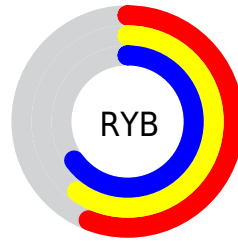
Distribution



Red (56%)

Green (63%)

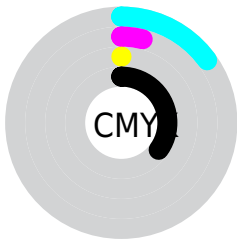
Blue (65%)



Red (56%)

Yellow (60%)

Blue (65%)

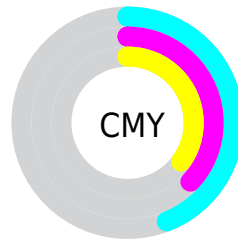


Cyan (15%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8752, 34.0305, 41.5005 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 30.8752, 34.0305, 41.5005 by changing the saturation by 10% instead.

■ 30.8752, 34.0305,
41.5005

■ 30.8752, 34.0305,
41.5005

297.8001,
320.2680, 368.1465

■ 20.6552, 22.9170,
28.3877

■ 60.4207, 65.9811,
78.7050

■ 12.9832, 14.5323,
18.3766

■ 80.4769, 87.5870,
103.6338

■ 7.4939, 8.4918,
11.0484

■ 104.5426,
113.4592, 133.3384

■ 3.8219, 4.4112,
5.9848

132.9831,
143.9821, 168.2372

■ 1.6019, 1.9061,
2.7672

166.1637,
179.5400, 208.7489

■ 0.3936, 0.5521,
0.9770

204.4498,

■ 0.0000, 0.0000,

220.5173, 255.2920

0.0000

248.2069,
267.2986, 308.2850

■ 30.8752, 34.0305,
41.5005

■ 30.8752, 34.0305,
41.5005

■ 27.5331, 31.2856,
41.1474

■ 34.6710, 37.0444,
41.8827

■ 24.6225, 28.7953,
40.8201

■ 38.9357, 40.3327,
42.2926

■ 22.1238, 26.5501,
40.5184

■ 43.6872, 43.9058,
42.7319

■ 20.0145, 24.5379,
40.2412

■ 48.9416, 47.7725,
43.2013

■ 18.2699, 22.7458,
39.9872

■ 54.7145, 51.9409,
43.7016

■ 16.8624, 21.1593,
39.7552

■ 61.0204, 56.4189,
44.2336

■ 15.7603, 19.7615,
39.5435

■ 66.4234, 60.4665,
44.7301

■ 14.9241, 18.5319,
39.3502

■ 67.2975, 62.2147,
45.0215

■ 14.5562, 17.9522,
39.2577

■ 68.1956, 64.0109,
45.3208

Harmonies

Analogous

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



30.3477, 34.0305, 38.6450



30.8752, 34.0305, 41.5005



31.8026, 34.0305, 43.2101

Triad

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



30.8752, 34.0305, 41.5005



34.4288, 34.0305, 38.6374



31.8001, 34.0305, 31.5130

Complementary

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



30.8752, 34.0305, 41.5005



31.4089, 31.3482, 29.9871

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.



32.8934, 34.0305, 31.5112



30.8752, 34.0305, 41.5005



34.4280, 34.0305, 35.5061

Square

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



30.8752, 34.0305, 41.5005



33.8626, 34.0305, 41.4947



33.8607, 34.0305, 32.9360



30.8734, 34.0305, 32.9410

Rectangle

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



30.8752, 34.0305, 41.5005



32.5307, 34.0305, 43.4118



33.8607, 34.0305, 32.9360



32.1599, 34.0305, 31.3483

Sweetspot

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



30.8762, 34.0319, 41.5013



62.7433, 66.8512, 75.0719



30.3067, 35.5217, 33.2074



13.9218, 14.8671, 16.7880



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.



30.8762, 34.0319, 41.5013



53.1986, 59.2452, 74.1069



28.8257, 29.9309, 40.8178



7.5928, 8.2225, 9.6053



11.1777, 13.8156, 30.0530



0.3079, 0.4081, 0.7432

Inverse Universe

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



32.0431, 30.1354, 37.8477



55.7189, 50.9730, 66.1838



33.4481, 35.4264, 30.6668



7.7638, 7.6354, 9.0734



15.1426, 7.4657, 16.0942



0.3866, 0.1889, 0.4872

Previews

White Background



This preview shows how the XYZ color 30.8752, 34.0305, 41.5005 looks on a white background.

Color Contrast Check

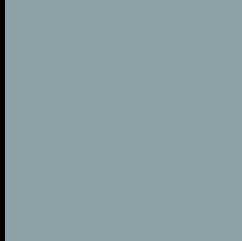
Large Text (above 18pt) WCAG AA × Fail

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 30.8752, 34.0305, 41.5005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

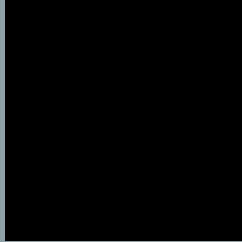
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8752, 34.0305, 41.5005

Background



This preview shows how black text looks on a background with the XYZ color 30.8752, 34.0305, 41.5005.



This preview shows how white text looks on a background with the XYZ color 30.8752, 34.0305,

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

30.8752, 34.0305, 41.5005

Protanopia

32.8584, 34.0634, 39.9650

Deuteranopia

34.7011, 33.9719, 42.2644



Tritanopia

31.4413, 33.9984, 44.4404

Trichromacy



Original Color

30.8752, 34.0305, 41.5005

Protanomaly

31.9673, 33.8457, 40.4453

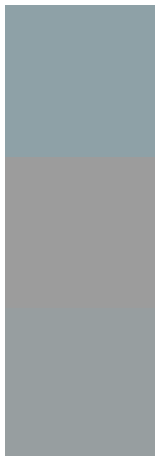
Deuteranomaly

33.2544, 33.9750, 41.8509

Tritanomaly

31.2492, 33.9215, 43.4286

Monochromacy



Original Color

30.8752, 34.0305, 41.5005

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.3345, 33.5711, 38.0861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8752, 34.0305, 41.5005 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(142, 161, 167)` looks like.

```
.text, #text, p{  
    color:rgb(142, 161, 167)  
}
```

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(142, 161, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 161, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.8752, 34.0305, 41.5005 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(142, 161, 167) }
```


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

```
.border{ border-color:rgb(142, 161, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 161, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 161, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 161, 167);  
box-shadow:4px 4px 4px 4px rgb(142, 161,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8752, 34.0305, 41.5005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 161, 167) }
```

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

```
.background{ background-color: rgb(142,  
161, 167) }
```

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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