

Converting Colors

XYZ(30.4508, 33.8320, 40.9929)

Have a look what the booklet for
XYZ(30.4508, 33.8320, 40.9929)
contains.

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Color

**XYZ(30.4430, 33.8184,
40.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA1A6
RGB	140, 161, 166
RGB Percent	55%, 63%, 65%
CMY	0.4510, 0.3686, 0.3490
CMYK	0.16, 0.03, 0.00, 0.35
HSL	192°, 13%, 60%
HSV	192°, 16%, 65%
XYZ	30.4430, 33.8184, 40.9995
YIQ	155.2910, -14.1210, -2.8970

Conversions

Conversions Part 2

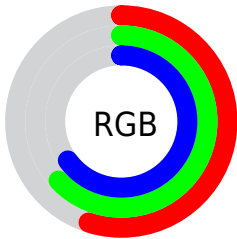
Format	Color
R_{YB}	140, 152, 166
Decimal	9216422
CIE _{Lab}	64.82, -6.25, -5.08
CIE _{LCh}	65, 8.058, 219.092
Yxy	33.8184, 0.2892, 0.3213
Android (android.graphics.Color)	4287406502 (0xFF8CA1A6)
YUV	155.2910, 5.2795, -13.4102
Hunter-Lab	58.1536, -8.3253, -1.0932

Details

The XYZ color **30.4430, 33.8184, 40.9995** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5851, 30.2510, 29.0385**, and the grayscale version is **31.2672, 32.8955, 35.8232**.

A 20% lighter version of the original color is **59.8551, 65.8015, 77.9529**, and **12.7224, 14.3258, 18.0142** is the 20% darker color. If you saturate the color by 10%, you get **27.3039, 31.3838, 40.6956**, and if you desaturate by 10%, it is **34.0203, 36.5018, 41.3295**.

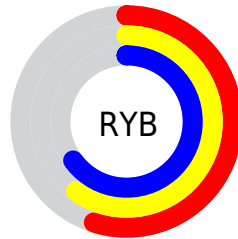
Distribution



Red (55%)

Green (63%)

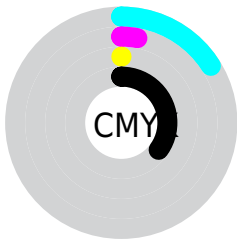
Blue (65%)



Red (55%)

Yellow (60%)

Blue (65%)

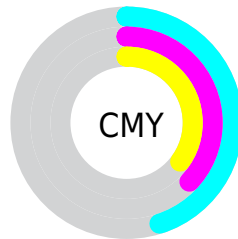


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4430, 33.8184, 40.9995 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 30.4430, 33.8184, 40.9995 by changing the saturation by 10% instead.

■ 30.4430, 33.8184,
40.9995

■ 30.4430, 33.8184,
40.9995

295.8369,
319.3215, 365.9951

■ 20.3248, 22.7541,
27.9990

■ 59.7439, 65.6512,
77.9368

■ 12.7410, 14.4121,
18.0859

■ 79.6573, 87.1884,
102.7107

■ 7.3262, 8.4078,
10.8416

■ 103.5665,
112.9855, 132.2461

■ 3.7151, 4.3570,
5.8476

131.8369,
143.4268, 166.9616

■ 1.5422, 1.8752,
2.6853

164.8337,
178.8966, 207.2757

■ 0.3543, 0.5334,
0.9360

202.9224,

■ 0.0000, 0.0000,

219.7794, 253.6069

0.0000

246.4684,
266.4596, 306.3739

■ 30.4430, 33.8184,
40.9995

■ 30.4430, 33.8184,
40.9995

■ 27.3039, 31.3838,
40.6956

■ 34.0203, 36.5018,
41.3295

■ 24.5811, 29.1838,
40.4144

■ 38.0506, 39.4392,
41.6840

■ 22.2552, 27.2093,
40.1559

■ 42.5517, 42.6407,
42.0647

■ 20.3041, 25.4487,
39.9189

■ 47.5393, 46.1146,
42.4724

■ 18.7035, 23.8892,
39.7022

■ 53.0288, 49.8689,
42.9077

■ 17.4258, 22.5165,
39.5046

■ 59.0344, 53.9113,
43.3714

■ 16.4397, 21.3143,
39.3246

■ 65.1265, 58.0202,
43.8434

■ 15.7040, 20.2612,
39.1601

■ 65.7937, 59.3546,
44.0658

■ 15.4211, 19.8293,
39.0916

■ 66.4760, 60.7191,
44.2932

Harmonies

Analogous

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



29.9907, 33.8184, 37.8413



30.4430, 33.8184, 40.9995



31.3539, 33.8184, 43.1184

Triad

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



30.4430, 33.8184, 40.9995



34.2725, 33.8184, 39.1497



31.7922, 33.8184, 30.8677

Complementary

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



30.4430, 33.8184, 40.9995



30.5851, 30.2510, 29.0385

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.



32.9460, 33.8184, 31.1713



30.4430, 33.8184, 40.9995



34.3967, 33.8184, 35.8222

Square

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



30.4430, 33.8184, 40.9995



33.5706, 33.8184, 42.0066



33.9059, 33.8184, 32.9393



30.7572, 33.8184, 32.0835

Rectangle

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



30.4430, 33.8184, 40.9995



32.1080, 33.8184, 43.5865



33.9059, 33.8184, 32.9393



32.1787, 33.8184, 30.7971

Sweetspot

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



30.4440, 33.8198, 41.0003



62.1369, 66.5374, 75.0433



29.5448, 34.8856, 31.8708



13.8004, 14.8126, 16.7839



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.



30.4440, 33.8198, 41.0003



53.0585, 59.6961, 74.2013



28.3252, 29.5823, 40.2940



7.6232, 8.2833, 9.6154



11.9905, 15.4412, 30.3240



0.3223, 0.4369, 0.7480

Inverse Universe

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



31.5377, 29.4370, 37.7396



55.4698, 50.1900, 66.9781



32.6471, 34.3752, 29.7258



7.7792, 7.6415, 9.1543



15.5529, 7.6299, 18.2547



0.3938, 0.1918, 0.5255

Previews

White Background



This preview shows how the XYZ color 30.4430, 33.8184, 40.9995 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 30.4430, 33.8184, 40.9995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

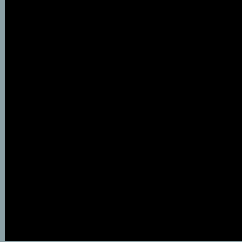
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4430, 33.8184, 40.9995

Background



This preview shows how black text looks on a background with the XYZ color 30.4430, 33.8184, 40.9995.



This preview shows how white text looks on a background with the XYZ color 30.4430, 33.8184,

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

30.4430, 33.8184, 40.9995

Protanopia

32.5999, 33.6904, 39.4350

Deuteranopia

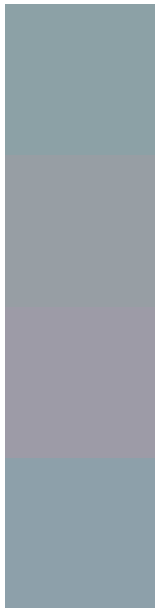
34.2325, 33.4991, 41.7075



Tritanopia

31.0981, 33.8215, 44.4243

Trichromacy



Original Color

30.4430, 33.8184, 40.9995

Protanomaly

31.6902, 33.7134, 39.9590

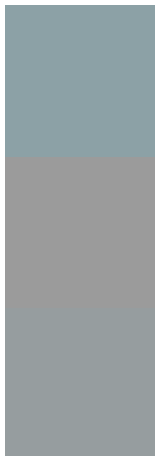
Deuteranomaly

32.6010, 33.4008, 41.2880

Tritanomaly

30.8110, 33.7066, 42.9123

Monochromacy



Original Color

30.4430, 33.8184, 40.9995

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8927, 33.1012, 37.5618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4430, 33.8184, 40.9995 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(140, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(140, 161, 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(140, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 161, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.4430, 33.8184, 40.9995 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(140, 161, 166) }
```


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

```
.border{ border-color:rgb(140, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(140, 161,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4430, 33.8184, 40.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 161, 166) }
```

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

```
.background{ background-color: rgb(140,  
161, 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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