

Converting Colors

XYZ(30.5044, 30.0864, 34.6391)

Have a look what the booklet for
XYZ(30.5044, 30.0864, 34.6391)
contains.

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Color

**XYZ(30.4553, 30.0575,
34.7684)**

Conversions

Conversions Part 1

Format	Color
Hex	A0919A
RGB	160, 145, 154
RGB Percent	63%, 57%, 60%
CMY	0.3725, 0.4314, 0.3961
CMYK	0.00, 0.09, 0.04, 0.37
HSL	324°, 7%, 60%
HSV	324°, 9%, 63%
XYZ	30.4553, 30.0575, 34.7684
YIQ	150.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

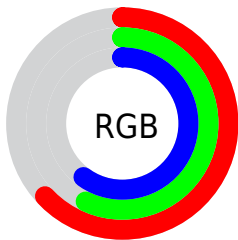
Format	Color
RYB	160, 145, 154
Decimal	10523034
CIELab	61.70, 7.22, -2.73
CIELCh	62, 7.715, 339.284
Yxy	30.0575, 0.3196, 0.3155
Android (android.graphics.Color)	4288713114 (0xFFA0919A)
YUV	150.5110, 1.7201, 8.3219
Hunter-Lab	54.8247, 3.2140, 0.7771

Details

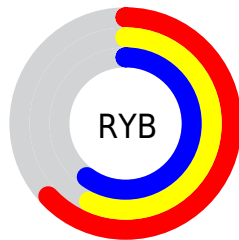
The XYZ color **30.4553, 30.0575, 34.7684** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8349, 33.3964, 34.1533**, and the grayscale version is **29.1985, 30.7191, 33.4531**.

A 20% lighter version of the original color is **59.8329, 59.8480, 68.0728**, and **12.7247, 12.3518, 14.5454** is the 20% darker color. If you saturate the color by 10%, you get **27.6618, 25.3007, 31.2769**, and if you desaturate by 10%, it is **33.6233, 35.5170, 38.5257**.

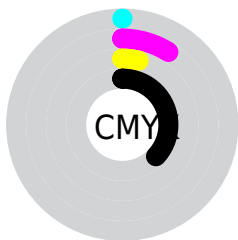
Distribution



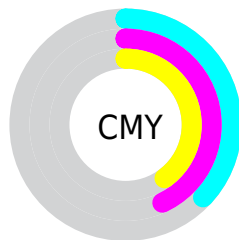
- Red (63%)
- Green (57%)
- Blue (60%)



- Red (63%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (37%)



- Cyan (37%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4553, 30.0575, 34.7684 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 30.4553, 30.0575, 34.7684 by changing the saturation by 10% instead.

■ 30.4553, 30.0575,
34.7684

■ 30.4553, 30.0575,
34.7684

295.8929,
302.1724, 338.4180

■ 20.3342, 19.8822,
23.2024

■ 59.7632, 59.7531,
68.2743

■ 12.7479, 12.3095,
14.5363

■ 79.6807, 80.0422,
91.0513

■ 7.3310, 6.9548,
8.3516

103.5943,
104.4714, 118.4024

■ 3.7181, 3.4339,
4.2298

131.8695,
133.4251, 150.7461

■ 1.5439, 1.3622,
1.7522

164.8716,
167.2876, 188.5010

■ 0.3554, 0.1886,
0.3962

202.9660,

■ 0.0000, 0.0000,

206.4434, 232.0856

0.0000

246.5180,
251.2769, 281.9184

■ 30.4553, 30.0575,
34.7684

■ 30.4553, 30.0575,
34.7684

■ 27.6618, 25.3007,
31.2769

■ 33.6233, 35.5170,
38.5257

■ 25.2254, 21.2138,
28.0422

■ 37.1771, 41.7023,
42.5537

■ 23.1314, 17.7673,
25.0576

■ 41.1308, 48.6405,
46.8594

■ 21.3625, 14.9281,
22.3149

■ 45.4968, 56.3559,
51.4491

■ 19.9005, 12.6597,
19.8059

■ 50.2872, 64.8718,
56.3287

■ 18.7247, 10.9221,
17.5212

■ 55.5135, 74.2107,
61.5040

■ 17.8121, 9.6699,
15.4506

■ 60.5438, 83.1082,
66.7663

■ 17.1357, 8.8498,
13.5827

■ 61.3020, 83.4115,
70.7588

■ 16.6377, 8.3472,
11.8956

■ 62.0918, 83.7274,
74.9179

Harmonies

Analogous

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



29.8370, 30.0575, 37.3015



30.4553, 30.0575, 34.7684



30.5616, 30.0575, 31.8238

Triad

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



30.4553, 30.0575, 34.7684



28.2514, 30.0575, 27.4589



27.0678, 30.0575, 36.4394

Complementary

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



30.4553, 30.0575, 34.7684



29.8349, 33.3964, 34.1533

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.



26.6645, 30.0575, 33.6482



30.4553, 30.0575, 34.7684



27.3369, 30.0575, 28.5436

Square

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



30.4553, 30.0575, 34.7684



29.2728, 30.0575, 27.7190



26.7618, 30.0575, 30.7681



27.8761, 30.0575, 38.3056

Rectangle

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



30.4553, 30.0575, 34.7684



30.3254, 30.0575, 30.0392



26.7618, 30.0575, 30.7681



26.8813, 30.0575, 35.5716

Sweetspot

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



30.4562, 30.0588, 34.7690



58.8504, 60.6851, 67.3809



29.2342, 29.3697, 37.3861



12.8075, 13.1380, 14.6605



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.4562, 30.0588, 34.7690



54.3160, 52.8948, 61.9282



29.8509, 29.8167, 31.5819



6.7917, 6.7096, 7.7541



12.9596, 6.4884, 9.3043



0.2522, 0.1242, 0.2743

Inverse Universe

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



30.4562, 30.0588, 34.7690



54.3160, 52.8948, 61.9282



30.4634, 33.6478, 37.4634



6.7917, 6.7096, 7.7541



12.9596, 6.4884, 9.3043



0.2522, 0.1242, 0.2743

Previews

White Background



This preview shows how the XYZ color 30.4553, 30.0575, 34.7684 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4553, 30.0575, 34.7684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

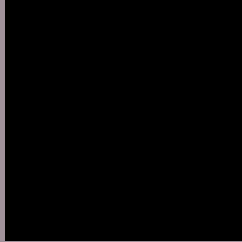
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4553, 30.0575, 34.7684

Background



This preview shows how black text looks on a background with the XYZ color 30.4553, 30.0575, 34.7684.



This preview shows how white text looks on a background with the XYZ color 30.4553, 30.0575,

34.7684.

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

30.4553, 30.0575, 34.7684

Protanopia

29.1683, 30.0641, 35.7181

Deuteranopia

30.6561, 30.1610, 34.7777



Tritanopia

30.6234, 30.1247, 35.6531

Trichromacy



Original Color

30.4553, 30.0575, 34.7684

Protanomaly

29.6765, 30.1040, 35.2569

Deuteranomaly

30.6561, 30.1610, 34.7777

Tritanomaly

30.5390, 30.0909, 35.2089

Monochromacy



Original Color

30.4553, 30.0575, 34.7684

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.7414, 30.6319, 34.0508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4553, 30.0575, 34.7684 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(160, 145, 154)` looks like.

```
.text, #text, p{  
    color:rgb(160, 145, 154)  
}
```

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(160, 145, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 145, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.4553, 30.0575, 34.7684 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(160, 145, 154) }
```


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

```
.border{ border-color:rgb(160, 145, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 145, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 145, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 145, 154);  
box-shadow:4px 4px 4px 4px rgb(160, 145,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4553, 30.0575, 34.7684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 145, 154) }
```

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

```
.background{ background-color: rgb(160,  
145, 154) }
```

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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