

Converting Colors

XYZ(28.8460, 30.7148, 34.7107)

Have a look what the booklet for
XYZ(28.8460, 30.7148, 34.7107)
contains.

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Color

**XYZ(28.6704, 30.5441,
34.5215)**

Conversions

Conversions Part 1

Format	Color
Hex	929799
RGB	146, 151, 153
RGB Percent	57%, 59%, 60%
CMY	0.4274, 0.4078, 0.4000
CMYK	0.05, 0.01, 0.00, 0.40
HSL	197°, 3%, 59%
HSV	197°, 5%, 60%
XYZ	28.6704, 30.5441, 34.5215
YIQ	149.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

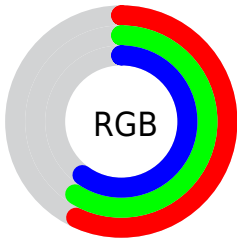
Format	Color
RYB	146, 149, 153
Decimal	9607065
CIELab	62.12, -1.40, -1.69
CIELCh	62, 2.192, 230.266
Yxy	30.5441, 0.3059, 0.3259
Android (android.graphics.Color)	4287797145 (0xFF929799)
YUV	149.7330, 1.6106, -3.2738
Hunter-Lab	55.2667, -4.1173, 1.6521

Details

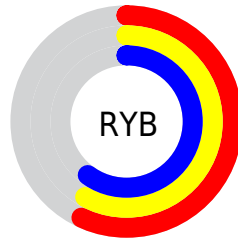
The XYZ color **28.6704, 30.5441, 34.5215** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9151, 30.0271, 31.4663**, and the grayscale version is **28.8715, 30.3751, 33.0784**.

A 20% lighter version of the original color is **56.9132, 60.4470, 67.6993**, and **11.7793, 12.5604, 14.3739** is the 20% darker color. If you saturate the color by 10%, you get **25.4411, 27.8563, 34.1734**, and if you desaturate by 10%, it is **32.2915, 33.4742, 34.8967**.

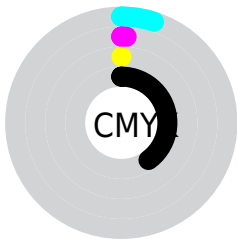
Distribution



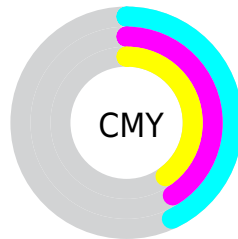
- Red (57%)
- Green (59%)
- Blue (60%)



- Red (57%)
- Yellow (58%)
- Blue (60%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (43%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6704, 30.5441, 34.5215 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 28.6704, 30.5441, 34.5215 by changing the saturation by 10% instead.

■ 28.6704, 30.5441,
34.5215

■ 28.6704, 30.5441,
34.5215

287.6790,
304.4325, 337.2910

■ 18.9747, 20.2519,
23.0139

■ 56.9542, 60.5216,
67.8870

■ 11.7559, 12.5783,
14.3984

■ 76.2730, 80.9757,
90.5819

■ 6.6487, 7.1388,
8.2564

99.5301, 105.5859,
117.8431

■ 3.2877, 3.5491,
4.1693

127.0910,
134.7366, 150.0890

■ 1.3077, 1.4247,
1.7187

159.3209,
168.8123, 187.7383

■ 0.1890, 0.2348,
0.3735

196.5854,

■ 0.0000, 0.0000,

208.1972, 231.2093

0.0000

239.2496,
253.2758, 280.9207

■ 28.6704, 30.5441,
34.5215

■ 28.6704, 30.5441,
34.5215

■ 25.4411, 27.8563,
34.1734

■ 32.2915, 33.4742,
34.8967

■ 22.5864, 25.3990,
33.8495

■ 36.3156, 36.6502,
35.2976

■ 20.0915, 23.1650,
33.5498

■ 40.7567, 40.0807,
35.7257

■ 17.9398, 21.1453,
33.2734

■ 45.6273, 43.7724,
36.1816

■ 16.1130, 19.3300,
33.0193

■ 50.9394, 47.7319,
36.6658

■ 14.5913, 17.7086,
32.7865

■ 56.7046, 51.9656,
37.1792

■ 13.3526, 16.2690,
32.5739

■ 62.9338, 56.4795,
37.7221

■ 12.3714, 14.9978,
32.3803

■ 64.5341, 58.6484,
38.0564

■ 11.6161, 13.8782,
32.2040

■ 65.4675, 60.5153,
38.3676

Harmonies

Analogous

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



28.5027, 30.5441, 33.8228



28.6704, 30.5441, 34.5215



28.9355, 30.5441, 34.8832

Triad

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



28.6704, 30.5441, 34.5215



29.5935, 30.5441, 33.5326



28.8353, 30.5441, 31.7575

Complementary

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



28.6704, 30.5441, 34.5215



28.9151, 30.0271, 31.4663

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.



29.1272, 30.5441, 31.6828



28.6704, 30.5441, 34.5215



29.5663, 30.5441, 32.6982

Square

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



28.6704, 30.5441, 34.5215



29.4694, 30.5441, 34.3059



29.3951, 30.5441, 32.0244



28.5975, 30.5441, 32.2303

Rectangle

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



28.6704, 30.5441, 34.5215



29.1324, 30.5441, 34.8805



29.3951, 30.5441, 32.0244



28.9303, 30.5441, 31.6853

Sweetspot

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



28.6713, 30.5454, 34.5222



53.5700, 56.5175, 62.0575



28.5897, 31.0315, 32.4933



11.8376, 12.4868, 13.7038



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.6713, 30.5454, 34.5222



51.0263, 54.4399, 61.7905



28.1185, 29.4398, 34.3379



6.5167, 6.9610, 7.9291



9.3314, 11.0594, 26.5506



0.1699, 0.2262, 0.4071

Inverse Universe

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



29.0023, 29.5649, 33.4577



51.6855, 52.4926, 59.6697



29.4702, 31.1372, 31.6513



6.6084, 6.6908, 7.6339



13.1688, 6.5218, 12.6798



0.2122, 0.1036, 0.2705

Previews

White Background



This preview shows how the XYZ color 28.6704, 30.5441, 34.5215 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 28.6704, 30.5441, 34.5215 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

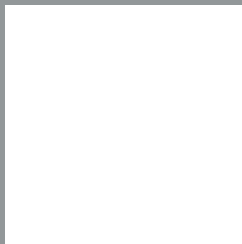
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6704, 30.5441, 34.5215

Background



This preview shows how black text looks on a background with the XYZ color 28.6704, 30.5441, 34.5215.



This preview shows how white text looks on a background with the XYZ color 28.6704, 30.5441,

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

28.6704, 30.5441, 34.5215

Protanopia

29.3638, 30.4373, 34.0331

Deuteranopia

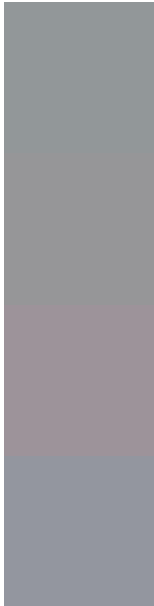
31.0624, 30.3704, 34.7968



Tritanopia

29.4606, 30.6244, 38.5408

Trichromacy



Original Color

28.6704, 30.5441, 34.5215

Protanomaly

29.1515, 30.5637, 34.0687

Deuteranomaly

30.1711, 30.3686, 34.8434

Tritanomaly

29.1970, 30.5189, 37.1528

Monochromacy



Original Color

28.6704, 30.5441, 34.5215

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8867, 30.4366, 33.6305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6704, 30.5441, 34.5215 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(146, 151, 153) looks like.

```
.text, #text, p{  
    color:rgb(146, 151, 153)  
}
```

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(146, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 151, 153) }
```

Border

The CSS property to change the border of an element to XYZ 28.6704, 30.5441, 34.5215 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(146, 151, 153) }
```


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

```
.border{ border-color:rgb(146, 151, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(146, 151,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6704, 30.5441, 34.5215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 151, 153) }
```

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

```
.background{ background-color: rgb(146,  
151, 153) }
```

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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