

Converting Colors

XYZ(29.2248, 29.2630, 36.9558)

Have a look what the booklet for
XYZ(29.2248, 29.2630, 36.9558)
contains.

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Color

**XYZ(29.3323, 29.4294,
36.9354)**

Conversions

Conversions Part 1

Format	Color
Hex	98919F
RGB	152, 145, 159
RGB Percent	60%, 57%, 62%
CMY	0.4039, 0.4314, 0.3765
CMYK	0.04, 0.09, 0.00, 0.38
HSL	270°, 7%, 60%
HSV	270°, 9%, 62%
XYZ	29.3323, 29.4294, 36.9354
YIQ	148.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

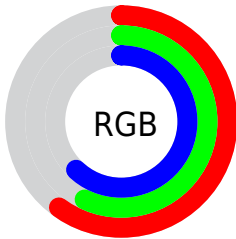
Format	Color
R_{YB}	152, 145, 159
Decimal	9998751
CIE Lab	61.16, 5.31, -6.45
CIE LCh	61, 8.354, 309.440
Yxy	29.4294, 0.3065, 0.3075
Android (android.graphics.Color)	4288188831 (0xFF98919F)
YUV	148.6890, 5.0833, 2.9037
Hunter-Lab	54.2489, 1.5792, -2.3934

Details

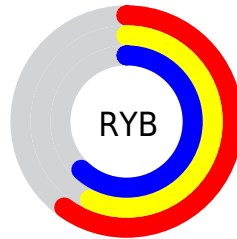
The XYZ color **29.3323, 29.4294, 36.9354** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4590, 33.5168, 31.6536**, and the grayscale version is **28.4166, 29.8965, 32.5573**.

A 20% lighter version of the original color is **58.0146, 58.8237, 71.9147**, and **12.1658, 12.0338, 15.8689** is the 20% darker color. If you saturate the color by 10%, you get **25.6323, 24.1648, 36.1147**, and if you desaturate by 10%, it is **33.4739, 35.4280, 37.8754**.

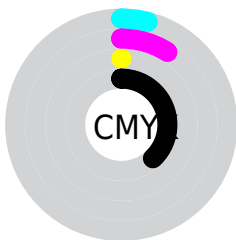
Distribution



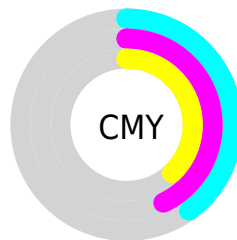
- Red (60%)
- Green (57%)
- Blue (62%)



- Red (60%)
- Yellow (57%)
- Blue (62%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3323, 29.4294, 36.9354 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 29.3323, 29.4294, 36.9354 by changing the saturation by 10% instead.

■ 29.3323, 29.4294,
36.9354

■ 29.3323, 29.4294,
36.9354

290.7456,
299.2356, 348.1910

■ 19.4779, 19.4059,
24.8621

■ 57.9985, 58.7586,
71.6586

■ 12.1221, 11.9639,
15.7562

■ 77.5411, 78.8331,
95.1456

■ 6.8997, 6.7191,
9.1994

101.0437,
103.0268, 123.2743

■ 3.4452, 3.2871,
4.7729

128.8718,
131.7239, 156.4631

■ 1.3933, 1.2834,
2.0582

161.3907,
165.3090, 195.1306

■ 0.2515, 0.1283,
0.5907

198.9657,

■ 0.0000, 0.0000,

204.1664, 239.6955

0.0000

241.9622,
248.6804, 290.5761

■ 29.3323, 29.4294,
36.9354

■ 29.3323, 29.4294,
36.9354

■ 25.6323, 24.1648,
36.1147

■ 33.4739, 35.4280,
37.8754

■ 22.3553, 19.6014,
35.4066

■ 38.0695, 42.1844,
38.9373

■ 19.4851, 15.7094,
34.8066

■ 43.1345, 49.7257,
40.1260

■ 17.0034, 12.4553,
34.3093

■ 48.6825, 58.0766,
41.4455

■ 14.8906, 9.8026,
33.9087

■ 54.7265, 67.2609,
42.8996

■ 13.1247, 7.7112,
33.5980

■ 61.2793, 77.3012,
44.4922

■ 11.6815, 6.1357,
33.3700

■ 67.9354, 87.3841,
46.0876

■ 10.5327, 5.0233,
33.2158

■ 70.2227, 88.5632,
46.1947

■ 9.6241, 4.2692,
33.1182

■ 72.6236, 89.8010,
46.3070

Harmonies

Analogous

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



28.3189, 29.4294, 38.3750



29.3323, 29.4294, 36.9354



29.9921, 29.4294, 34.2107

Triad

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



29.3323, 29.4294, 36.9354



28.7185, 29.4294, 26.7172



25.9436, 29.4294, 33.0440

Complementary

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



29.3323, 29.4294, 36.9354



30.4590, 33.5168, 31.6536

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.



26.0442, 29.4294, 29.9701



29.3323, 29.4294, 36.9354



27.6275, 29.4294, 26.4500

Square

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



29.3323, 29.4294, 36.9354



29.6314, 29.4294, 28.3596



26.6540, 29.4294, 27.6040



26.3753, 29.4294, 36.0336

Rectangle

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



29.3323, 29.4294, 36.9354



30.1329, 29.4294, 32.1026



26.6540, 29.4294, 27.6040



25.9165, 29.4294, 31.9847

Sweetspot

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



29.3332, 29.4307, 36.9360



56.6954, 58.7155, 67.0885



29.2023, 31.0564, 37.2567



12.6509, 13.0474, 15.0953



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.



29.3332, 29.4307, 36.9360



50.8669, 50.3203, 65.7753



30.6361, 30.1024, 36.9970



6.5848, 6.5899, 8.3316



7.5698, 3.3314, 26.1513



0.1841, 0.0847, 0.4699

Inverse Universe

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



30.0920, 29.8901, 33.8906



52.5837, 51.3597, 58.8854



29.2283, 32.8824, 31.5960



6.7644, 6.6987, 7.6107



12.4437, 6.2821, 6.5876



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 29.3323, 29.4294, 36.9354 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 29.3323, 29.4294, 36.9354 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 × Fail

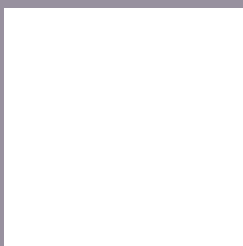
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3323, 29.4294, 36.9354

Background



This preview shows how black text looks on a background with the XYZ color 29.3323, 29.4294, 36.9354.

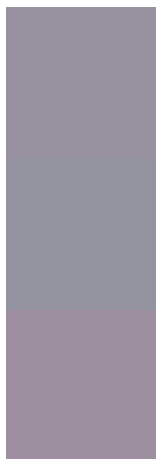


This preview shows how white text looks on a background with the XYZ color 29.3323, 29.4294,

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

29.3323, 29.4294, 36.9354

Protanopia

28.8115, 29.6085, 37.4542

Deuteranopia

29.9851, 29.3162, 36.8791



Tritanopia

29.1601, 29.3605, 36.0285

Trichromacy



Original Color

29.3323, 29.4294, 36.9354

Protanomaly

29.0185, 29.4854, 37.4195

Deuteranomaly

29.7488, 29.4183, 36.9113

Tritanomaly

29.2458, 29.3948, 36.4801

Monochromacy



Original Color

29.3323, 29.4294, 36.9354

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9174, 29.9637, 34.3965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3323, 29.4294, 36.9354 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(152, 145, 159)` looks like.

```
.text, #text, p{  
    color:rgb(152, 145, 159)  
}
```

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(152, 145, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 145, 159) }
```

Border

The CSS property to change the border of an element to XYZ 29.3323, 29.4294, 36.9354 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(152, 145, 159) }
```


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

```
.border{ border-color:rgb(152, 145, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 145, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 145, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 145, 159);  
box-shadow:4px 4px 4px 4px rgb(152, 145,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3323, 29.4294, 36.9354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 145, 159) }
```

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

```
.background{ background-color: rgb(152,  
145, 159) }
```

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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