

Converting Colors

XYZ(27.4665, 29.0996, 34.3061)

Have a look what the booklet for
XYZ(27.4665, 29.0996, 34.3061)
contains.

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Color

**XYZ(27.4950, 29.2305,
34.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9499
RGB	142, 148, 153
RGB Percent	56%, 58%, 60%
CMY	0.4431, 0.4196, 0.4000
CMYK	0.07, 0.03, 0.00, 0.40
HSL	207°, 5%, 58%
HSV	207°, 7%, 60%
XYZ	27.4950, 29.2305, 34.3299
YIQ	146.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

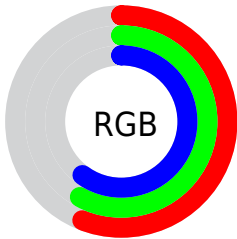
Format	Color
R _Y B	142, 146, 153
Decimal	9344153
CIE Lab	60.98, -1.15, -3.39
CIE LCh	61, 3.581, 251.280
Yxy	29.2305, 0.3020, 0.3210
Android (android.graphics.Color)	4287534233 (0xFF8E9499)
YUV	146.7760, 3.0684, -4.1886
Hunter-Lab	54.0652, -3.8376, 0.1982

Details

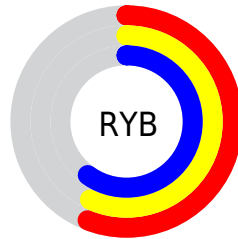
The XYZ color **27.4950, 29.2305, 34.3299** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4532, 29.5925, 29.8039**, and the grayscale version is **27.6306, 29.0696, 31.6568**.

A 20% lighter version of the original color is **55.1480, 58.4818, 67.4130**, and **11.0866, 11.7840, 14.2606** is the 20% darker color. If you saturate the color by 10%, you get **23.9904, 25.8542, 33.8634**, and if you desaturate by 10%, it is **31.4272, 32.9260, 34.8364**.

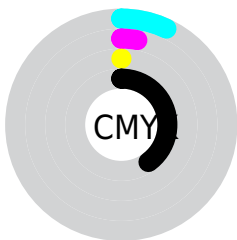
Distribution



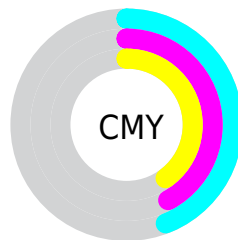
- Red (56%)
- Green (58%)
- Blue (60%)



- Red (56%)
- Yellow (57%)
- Blue (60%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4950, 29.2305, 34.3299 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 27.4950, 29.2305, 34.3299 by changing the saturation by 10% instead.

■ 27.4950, 29.2305,
34.3299

■ 27.4950, 29.2305,
34.3299

282.1699,
298.3010, 336.4145

■ 18.0838, 19.2553,
22.8677

■ 55.0915, 58.4431,
67.5861

■ 11.1102, 11.8549,
14.2915

■ 74.0075, 78.4493,
90.2172

■ 6.2089, 6.6449,
8.1826

■ 96.8225, 102.5678,
117.4085

■ 3.0144, 3.2411,
4.1226

123.9019,
131.1832, 149.5783

■ 1.1614, 1.2588,
1.6928

155.6109,
164.6799, 187.1453

■ 0.0755, 0.1090,
0.3558

192.3151,

■ 0.0000, 0.0000,

203.4421, 230.5279

0.0000

234.3796,
247.8543, 280.1448

■ 27.4950, 29.2305,
34.3299

■ 27.4950, 29.2305,
34.3299

■ 23.9904, 25.8542,
33.8634

■ 31.4272, 32.9260,
34.8364

■ 20.8950, 22.7836,
33.4338

■ 35.7992, 36.9464,
35.3820

■ 18.1931, 20.0096,
33.0408

■ 40.6261, 41.3017,
35.9682

■ 15.8665, 17.5212,
32.6831

■ 45.9213, 46.0005,
36.5961

■ 13.8958, 15.3064,
32.3595

■ 51.6976, 51.0509,
37.2665

■ 12.2597, 13.3523,
32.0685

■ 57.9675, 56.4608,
37.9802

■ 10.9342, 11.6446,
31.8088

■ 64.7428, 62.2378,
38.7382

■ 9.8916, 10.1671,
31.5785

■ 68.4911, 66.5623,
39.3754

■ 9.0871, 8.8945,
31.3753

■ 70.1762, 69.9327,
39.9371

Harmonies

Analogous

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



27.1122, 29.2305, 33.5571



27.4950, 29.2305, 34.3299



27.9590, 29.2305, 34.4210

Triad

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



27.4950, 29.2305, 34.3299



28.6743, 29.2305, 31.3258



27.1935, 29.2305, 29.9300

Complementary

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



27.4950, 29.2305, 34.3299



28.4532, 29.5925, 29.8039

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.



27.6071, 29.2305, 29.3668



27.4950, 29.2305, 34.3299



28.4642, 29.2305, 30.1575

Square

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



27.4950, 29.2305, 34.3299



28.6434, 29.2305, 32.6611



28.0724, 29.2305, 29.4489



26.9394, 29.2305, 31.0073

Rectangle

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



27.4950, 29.2305, 34.3299



28.2524, 29.2305, 34.0800



28.0724, 29.2305, 29.4489



27.3183, 29.2305, 29.6756

Sweetspot

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



27.4958, 29.2317, 34.3305



52.7700, 55.6852, 61.9390



27.8096, 30.6387, 32.0318



11.6717, 12.3142, 13.6792



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.



27.4958, 29.2317, 34.3305



47.9330, 51.1026, 61.3094



26.6606, 27.5613, 34.0521



6.1497, 6.5568, 7.8704



7.3732, 7.1431, 25.8978



0.1466, 0.1794, 0.3993

Inverse Universe

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



28.1558, 28.2570, 31.9886



49.4287, 48.9271, 55.9946



29.3212, 31.3286, 30.0933



6.3427, 6.2762, 7.1847



12.1804, 6.1264, 7.4751



0.2004, 0.0989, 0.2083

Previews

White Background



This preview shows how the XYZ color 27.4950, 29.2305, 34.3299 looks on a white background.

Color Contrast Check

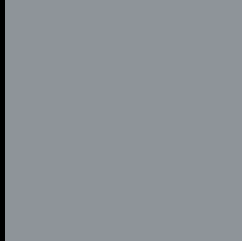
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4950, 29.2305, 34.3299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

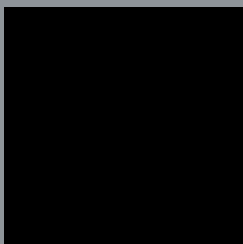
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

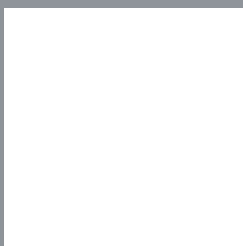
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4950, 29.2305, 34.3299

Background



This preview shows how black text looks on a background with the XYZ color 27.4950, 29.2305, 34.3299.



This preview shows how white text looks on a background with the XYZ color 27.4950, 29.2305,

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

27.4950, 29.2305, 34.3299

Protanopia

28.1591, 29.1207, 33.8425

Deuteranopia

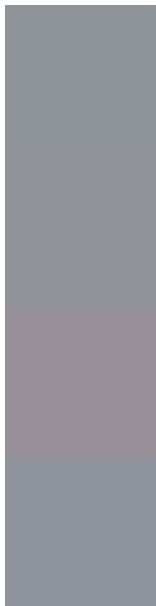
29.7557, 29.2471, 34.6488



Tritanopia

28.0194, 29.2103, 36.9623

Trichromacy



Original Color

27.4950, 29.2305, 34.3299

Protanomaly

27.9553, 29.2454, 33.8773

Deuteranomaly

28.9070, 29.2593, 34.6959

Tritanomaly

27.8472, 29.1414, 36.0554

Monochromacy



Original Color

27.4950, 29.2305, 34.3299

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5356, 29.0571, 32.5911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4950, 29.2305, 34.3299 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, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(142, 148, 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(142, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 148, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.4950, 29.2305, 34.3299 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, 148, 153) }
```


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

```
.border{ border-color:rgb(142, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(142, 148,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4950, 29.2305, 34.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 148, 153) }
```

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

```
.background{ background-color: rgb(142,  
148, 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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