

Converting Colors

XYZ(28.0479, 30.8150, 34.4554)

Have a look what the booklet for
XYZ(28.0479, 30.8150, 34.4554)
contains.

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Color

**XYZ(27.9562, 30.6578,
34.5811)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9999
RGB	140, 153, 153
RGB Percent	55%, 60%, 60%
CMY	0.4510, 0.4000, 0.4000
CMYK	0.08, 0.00, 0.00, 0.40
HSL	180°, 6%, 57%
HSV	180°, 8%, 60%
XYZ	27.9562, 30.6578, 34.5811
YIQ	149.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

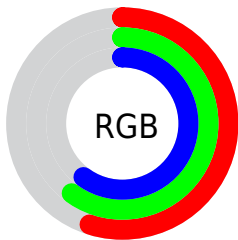
Format	Color
RYB	140, 147, 153
Decimal	9214361
CIELab	62.22, -4.63, -1.60
CIELCh	62, 4.894, 199.045
Yxy	30.6578, 0.3000, 0.3290
Android (android.graphics.Color)	4287404441 (0xFF8C9999)
YUV	149.1130, 1.9163, -7.9921
Hunter-Lab	55.3695, -6.7715, 1.7290

Details

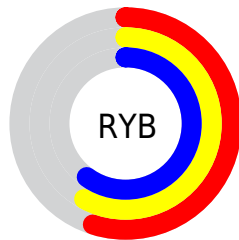
The XYZ color **27.9562, 30.6578, 34.5811** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2497, 27.4227, 28.6692**, and the grayscale version is **28.6098, 30.0998, 32.7786**.

A 20% lighter version of the original color is **55.8234, 60.6000, 67.7862**, and **11.3661, 12.6357, 14.4103** is the 20% darker color. If you saturate the color by 10%, you get **25.5553, 29.4209, 34.4682**, and if you desaturate by 10%, it is **30.7174, 32.0821, 34.7121**.

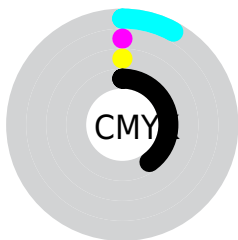
Distribution



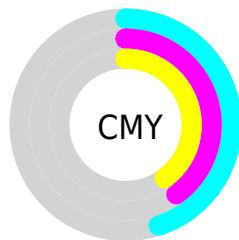
- Red (55%)
- Green (60%)
- Blue (60%)



- Red (55%)
- Yellow (58%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9562, 30.6578, 34.5811 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 27.9562, 30.6578, 34.5811 by changing the saturation by 10% instead.

■ 27.9562, 30.6578,
34.5811

■ 27.9562, 30.6578,
34.5811

284.3414,
304.9587, 337.5634

■ 18.4329, 20.3384,
23.0594

■ 55.8236, 60.7009,
67.9805

■ 11.3628, 12.6413,
14.4317

■ 74.8985, 81.1934,
90.6953

■ 6.3805, 7.1820,
8.2793

■ 97.8880, 105.8458,
117.9782

■ 3.1207, 3.5762,
4.1839

125.1574,
135.0423, 150.2478

■ 1.2179, 1.4394,
1.7268

157.0721,
169.1675, 187.9225

■ 0.1204, 0.2455,
0.3790

193.9974,

■ 0.0000, 0.0000,

208.6057, 231.4210

0.0000

236.2987,
253.7413, 281.1618

■ 27.9562, 30.6578,
34.5811

■ 27.9562, 30.6578,
34.5811

■ 25.5553, 29.4209,
34.4682

■ 30.7174, 32.0821,
34.7121

■ 23.4973, 28.3600,
34.3707

■ 33.8501, 33.6970,
34.8599

■ 21.7674, 27.4682,
34.2886

■ 37.3683, 35.5107,
35.0258

■ 20.3486, 26.7369,
34.2210

■ 41.2845, 37.5295,
35.2102

■ 19.2225, 26.1564,
34.1671

■ 45.6105, 39.7596,
35.4138

■ 18.3686, 25.7162,
34.1260

■ 50.3579, 42.2070,
35.6372

■ 17.7640, 25.4046,
34.0965

■ 55.5376, 44.8772,
35.8808

■ 17.3819, 25.2076,
34.0774

■ 58.3835, 46.3443,
36.0151

■ 17.1684, 25.0976,
34.0663

■ 58.3837, 46.3444,
36.0163

Harmonies

Analogous

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



27.9112, 30.6578, 32.6952



27.9562, 30.6578, 34.5811



28.3154, 30.6578, 36.2017

Triad

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



27.9562, 30.6578, 34.5811



30.1082, 30.6578, 35.8204



29.3811, 30.6578, 29.9388

Complementary

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



27.9562, 30.6578, 34.5811



27.2497, 27.4227, 28.6692

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.



29.9790, 30.6578, 30.7110



27.9562, 30.6578, 34.5811



30.4030, 30.6578, 34.0766

Square

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



27.9562, 30.6578, 34.5811



29.5554, 30.6578, 36.9356



30.3554, 30.6578, 32.2093



28.7272, 30.6578, 30.0623

Rectangle

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



27.9562, 30.6578, 34.5811



28.6878, 30.6578, 36.8913



30.3554, 30.6578, 32.2093



29.5955, 30.6578, 30.1010

Sweetspot

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



27.9571, 30.6591, 34.5818



52.6727, 56.2483, 62.0522



26.9775, 30.2715, 29.2325



11.5468, 12.3769, 13.6977



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.



27.9571, 30.6591, 34.5818



49.2899, 54.5045, 61.8924



26.9556, 28.6557, 34.2489



6.3846, 7.0265, 7.9485



14.1649, 20.7294, 28.1526



0.2118, 0.3099, 0.4210

Inverse Universe

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



27.2497, 27.4227, 28.6692



47.7868, 47.6279, 49.3295



28.1942, 29.3121, 28.9832



6.2088, 6.2227, 6.4799



10.8575, 5.5972, 0.5088



0.1623, 0.0837, 0.0077

Previews

White Background



This preview shows how the XYZ color 27.9562, 30.6578, 34.5811 looks on a white background.

Color Contrast Check

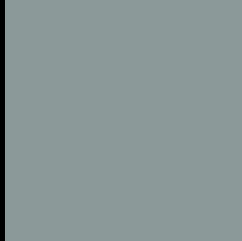
Large Text (above 18pt) WCAG AA × Fail

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 27.9562, 30.6578, 34.5811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

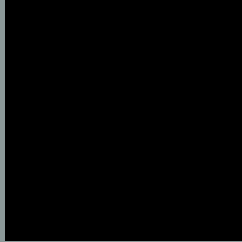
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

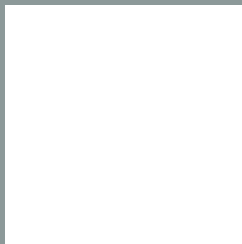
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9562, 30.6578, 34.5811

Background



This preview shows how black text looks on a background with the XYZ color 27.9562, 30.6578, 34.5811.



This preview shows how white text looks on a background with the XYZ color 27.9562, 30.6578,

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

27.9562, 30.6578, 34.5811

Protanopia

29.4702, 30.5016, 33.6123

Deuteranopia

31.2159, 30.6774, 34.8479



Tritanopia

28.8328, 30.5283, 39.0232

Trichromacy



Original Color

27.9562, 30.6578, 34.5811

Protanomaly

28.7866, 30.3756, 34.0516

Deuteranomaly

30.0977, 30.7965, 34.9299

Tritanomaly

28.4707, 30.6224, 37.2110

Monochromacy



Original Color

27.9562, 30.6578, 34.5811

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2654, 30.1257, 33.1793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9562, 30.6578, 34.5811 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, 153, 153) looks like.

```
.text, #text, p{  
    color:rgb(140, 153, 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(140, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 153, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.9562, 30.6578, 34.5811 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, 153, 153) }
```


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

```
.border{ border-color:rgb(140, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(140, 153,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9562, 30.6578, 34.5811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 153, 153) }
```

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

```
.background{ background-color: rgb(140,  
153, 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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