

Converting Colors

XYZ(29.1474, 31.7865, 36.9620)

Have a look what the booklet for
XYZ(29.1474, 31.7865, 36.9620)
contains.

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Color

**XYZ(29.0482, 31.6621,
36.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9B9E
RGB	142, 155, 158
RGB Percent	56%, 61%, 62%
CMY	0.4431, 0.3921, 0.3804
CMYK	0.10, 0.02, 0.00, 0.38
HSL	191°, 8%, 59%
HSV	191°, 10%, 62%
XYZ	29.0482, 31.6621, 36.9281
YIQ	151.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

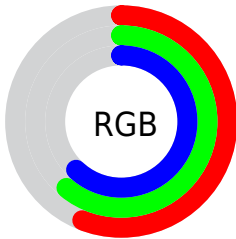
Format	Color
RYB	142, 149, 158
Decimal	9345950
CIELab	63.06, -3.99, -3.16
CIELCh	63, 5.093, 218.351
Yxy	31.6621, 0.2975, 0.3243
Android (android.graphics.Color)	4287536030 (0xFF8E9B9E)
YUV	151.4550, 3.2267, -8.2920
Hunter-Lab	56.2691, -6.3225, 0.4777

Details

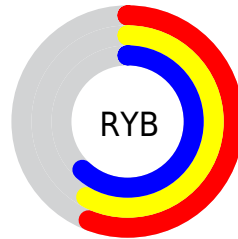
The XYZ color **29.0482, 31.6621, 36.9281** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.1085, 29.4726, 29.7462**, and the grayscale version is **29.6004, 31.1419, 33.9136**.

A 20% lighter version of the original color is **57.5757, 62.1408, 71.9106**, and **12.0178, 13.2375, 15.8316** is the 20% darker color. If you saturate the color by 10%, you get **26.0408, 29.3902, 36.6486**, and if you desaturate by 10%, it is **32.4538, 34.1589, 37.2310**.

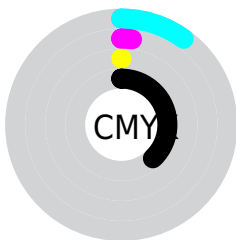
Distribution



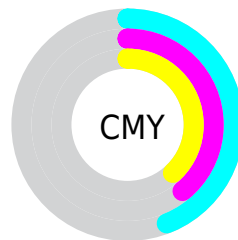
- Red (56%)
- Green (61%)
- Blue (62%)



- Red (56%)
- Yellow (58%)
- Blue (62%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0482, 31.6621, 36.9281 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 29.0482, 31.6621, 36.9281 by changing the saturation by 10% instead.

■ 29.0482, 31.6621,
36.9281

■ 29.0482, 31.6621,
36.9281

289.4324,
309.5771, 348.1584

■ 19.2618, 21.1035,
24.8565

■ 57.5507, 62.2810,
71.6473

■ 11.9647, 13.1997,
15.7521

■ 76.9974, 83.1101,
95.1319

■ 6.7917, 7.5662,
9.1965

■ 100.3950,
108.1315, 123.2580

■ 3.3773, 3.8187,
4.7710

128.1087,
137.7297, 156.4440

■ 1.3563, 1.5726,
2.0571

160.5040,
172.2889, 195.1085

■ 0.2248, 0.3391,
0.5901

197.9461,

■ 0.0000, 0.0000,

212.1936, 239.6701

0.0000

240.8005,
257.8282, 290.5472

■ 29.0482, 31.6621,
36.9281

■ 29.0482, 31.6621,
36.9281

■ 26.0408, 29.3902,
36.6486

■ 32.4538, 34.1589,
37.2310

■ 23.4127, 27.3308,
36.3896

■ 36.2700, 36.8846,
37.5560

■ 21.1476, 25.4761,
36.1510

■ 40.5123, 39.8481,
37.9044

■ 19.2266, 23.8165,
35.9319

■ 45.1942, 43.0566,
38.2770

■ 17.6295, 22.3412,
35.7313

■ 50.3289, 46.5169,
38.6742

■ 16.3335, 21.0385,
35.5482

■ 55.9288, 50.2356,
39.0969

■ 15.3132, 19.8949,
35.3812

■ 62.0060, 54.2190,
39.5454

■ 14.5384, 18.8950,
35.2291

■ 63.4684, 55.8421,
39.7817

■ 13.9432, 18.0119,
35.0900

■ 64.0667, 57.0387,
39.9811

Harmonies

Analogous

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



28.7787, 31.6621, 35.0389



29.0482, 31.6621, 36.9281



29.5989, 31.6621, 38.1921

Triad

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



29.0482, 31.6621, 36.9281



31.3654, 31.6621, 35.9198



29.8983, 31.6621, 30.7913

Complementary

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



29.0482, 31.6621, 36.9281



29.1085, 29.4726, 29.7462

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.



30.5943, 31.6621, 31.0066



29.0482, 31.6621, 36.9281



31.4485, 31.6621, 33.9165

Square

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



29.0482, 31.6621, 36.9281



30.9388, 31.6621, 37.5944



31.1644, 31.6621, 32.1323



29.2645, 31.6621, 31.5324

Rectangle

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



29.0482, 31.6621, 36.9281



30.0551, 31.6621, 38.4829



31.1644, 31.6621, 32.1323



30.1327, 31.6621, 30.7548

Sweetspot

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



29.0491, 31.6634, 36.9288



57.0460, 60.6602, 67.4454



28.4883, 32.2473, 31.4844



12.7499, 13.5947, 15.1957



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.



29.0491, 31.6634, 36.9288



51.5419, 56.5966, 66.9511



27.7714, 29.1081, 36.5029



6.7162, 7.2981, 8.4614



11.1937, 14.4789, 28.1120



0.2252, 0.3089, 0.5110

Inverse Universe

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



29.6906, 28.9822, 35.0412



52.9358, 50.8198, 62.8383



30.3638, 31.9832, 30.1647



6.8508, 6.7332, 8.0656



14.4483, 7.0839, 17.1434



0.2710, 0.1317, 0.3730

Previews

White Background



This preview shows how the XYZ color 29.0482, 31.6621, 36.9281 looks on a white background.

Color Contrast Check

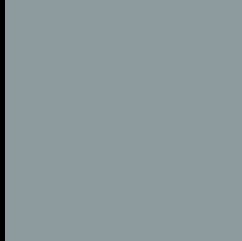
Large Text (above 18pt) WCAG AA × Fail

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 29.0482, 31.6621, 36.9281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

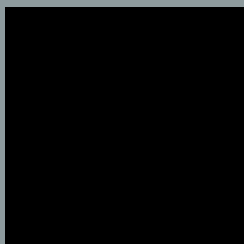
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

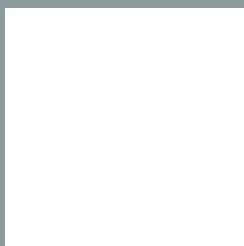
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0482, 31.6621, 36.9281

Background



This preview shows how black text looks on a background with the XYZ color 29.0482, 31.6621, 36.9281.



This preview shows how white text looks on a background with the XYZ color 29.0482, 31.6621,

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

29.0482, 31.6621, 36.9281

Protanopia

30.5554, 31.7268, 35.9659

Deuteranopia

32.1578, 31.5755, 37.2007



Tritanopia

29.7662, 31.7040, 40.6270

Trichromacy



Original Color

29.0482, 31.6621, 36.9281

Protanomaly

30.0547, 31.7008, 36.4331

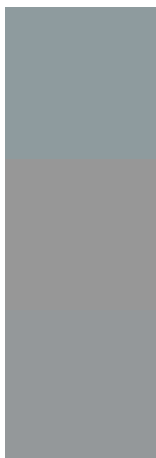
Deuteranomaly

31.0349, 31.7043, 37.2847

Tritanomaly

29.4942, 31.5952, 39.1943

Monochromacy



Original Color

29.0482, 31.6621, 36.9281

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.2737, 31.0855, 35.0291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0482, 31.6621, 36.9281 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, 155, 158) looks like.

```
.text, #text, p{  
    color:rgb(142, 155, 158)  
}
```

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, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 155, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.0482, 31.6621, 36.9281 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, 155, 158) }
```


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

```
.border{ border-color:rgb(142, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(142, 155,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0482, 31.6621, 36.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 155, 158) }
```

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

```
.background{ background-color: rgb(142,  
155, 158) }
```

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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