

Converting Colors

XYZ(28.1766, 29.8849, 36.1526)

Have a look what the booklet for
XYZ(28.1766, 29.8849, 36.1526)
contains.

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Color

**XYZ(28.1609, 29.7689,
36.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	8F959D
RGB	143, 149, 157
RGB Percent	56%, 58%, 62%
CMY	0.4392, 0.4157, 0.3843
CMYK	0.09, 0.05, 0.00, 0.38
HSL	214°, 7%, 59%
HSV	214°, 9%, 62%
XYZ	28.1609, 29.7689, 36.1600
YIQ	148.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

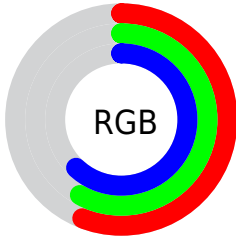
Format	Color
R_{YB}	143, 147, 157
Decimal	9409949
CIE Lab	61.45, -0.53, -4.96
CIE LCh	61, 4.987, 263.944
Yxy	29.7689, 0.2993, 0.3164
Android (android.graphics.Color)	4287600029 (0xFF8F959D)
YUV	148.1180, 4.3788, -4.4885
Hunter-Lab	54.5609, -3.3511, -1.1016

Details

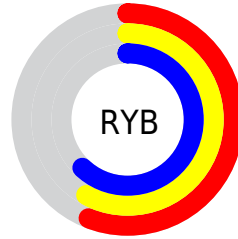
The XYZ color **28.1609, 29.7689, 36.1600** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.9291, 31.2840, 30.4479**, and the grayscale version is **28.1824, 29.6501, 32.2889**.

A 20% lighter version of the original color is **56.2656, 59.3357, 70.7748**, and **11.4834, 12.1031, 15.3666** is the 20% darker color. If you saturate the color by 10%, you get **24.2664, 25.7361, 35.5873**, and if you desaturate by 10%, it is **32.5468, 34.2189, 36.7882**.

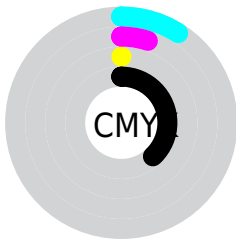
Distribution



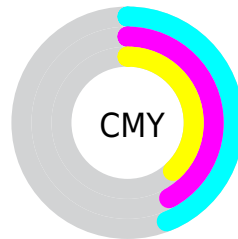
- Red (56%)
- Green (58%)
- Blue (62%)



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



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1609, 29.7689, 36.1600 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 28.1609, 29.7689, 36.1600 by changing the saturation by 10% instead.

■ 28.1609, 29.7689,
36.1600

■ 28.1609, 29.7689,
36.1600

285.3011,
300.8258, 344.7179

■ 18.5881, 19.6632,
24.2671

■ 56.1481, 59.2965,
70.4508

■ 11.4752, 12.1505,
15.3179

■ 75.2931, 79.4873,
93.6857

■ 6.4571, 6.8463,
8.8937

■ 98.3596, 103.8085,
121.5385

■ 3.1682, 3.3661,
4.5760

125.7129,
132.6446, 154.4276

■ 1.2433, 1.3257,
1.9464

157.7183,
166.3800, 192.7715

■ 0.1402, 0.1610,
0.5220

194.7413,

■ 0.0000, 0.0000,

205.3991, 236.9888

0.0000

237.1471,
250.0862, 287.4981

■ 28.1609, 29.7689,
36.1600

■ 28.1609, 29.7689,
36.1600

■ 24.2664, 25.7361,
35.5873

■ 32.5468, 34.2189,
36.7882

■ 20.8426, 22.1036,
35.0666

■ 37.4387, 39.0947,
37.4715

■ 17.8710, 18.8591,
34.5970

■ 42.8538, 44.4094,
38.2120

■ 15.3308, 15.9880,
34.1767

■ 48.8075, 50.1742,
39.0109

■ 13.1996, 13.4746,
33.8039

■ 55.3149, 56.4000,
39.8696

■ 11.4526, 11.3018,
33.4766

■ 62.3901, 63.0974,
40.7894

■ 10.0622, 9.4510,
33.1926

■ 70.0470, 70.2764,
41.7716

■ 8.9962, 7.9011,
32.9496

■ 73.1164, 75.2753,
42.5747

■ 8.1918, 6.6147,
32.7437

■ 75.5443, 80.1313,
43.3840

Harmonies

Analogous

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



27.5547, 29.7689, 35.4385



28.1609, 29.7689, 36.1600



28.8122, 29.7689, 35.8466

Triad

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



28.1609, 29.7689, 36.1600



29.4691, 29.7689, 30.9618



27.2817, 29.7689, 30.3227

Complementary

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



28.1609, 29.7689, 36.1600



29.9291, 31.2840, 30.4479

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.



27.7830, 29.7689, 29.2065



28.1609, 29.7689, 36.1600



29.0473, 29.7689, 29.5653

Square

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



28.1609, 29.7689, 36.1600



29.5741, 29.7689, 32.7979



28.4284, 29.7689, 28.9347



27.0522, 29.7689, 32.0317

Rectangle

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



28.1609, 29.7689, 36.1600



29.1835, 29.7689, 35.0987



28.4284, 29.7689, 28.9347



27.4236, 29.7689, 29.8684

Sweetspot

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



28.1618, 29.7702, 36.1607



54.9274, 57.8916, 65.4059



28.9655, 32.1862, 33.9361



11.9522, 12.6026, 14.3730



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.1618, 29.7702, 36.1607



48.7572, 51.5921, 64.5152



27.3986, 28.0029, 35.8598



6.5069, 6.8796, 8.3916



6.6238, 5.3391, 26.5887



0.1596, 0.1778, 0.4891

Inverse Universe

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



29.1525, 28.9834, 32.4932



50.9638, 49.8829, 56.3374



30.7385, 33.1721, 30.7697



6.7452, 6.6910, 7.5094



12.1416, 6.1612, 4.9966



0.2379, 0.1185, 0.1987

Previews

White Background



This preview shows how the XYZ color 28.1609, 29.7689, 36.1600 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 28.1609, 29.7689, 36.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

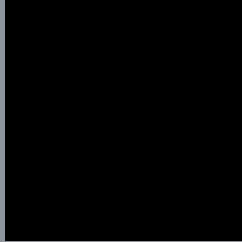
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

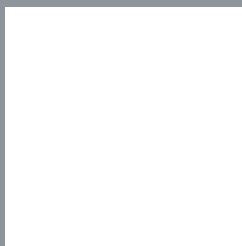
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1609, 29.7689, 36.1600

Background



This preview shows how black text looks on a background with the XYZ color 28.1609, 29.7689, 36.1600.



This preview shows how white text looks on a background with the XYZ color 28.1609, 29.7689,

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

28.1609, 29.7689, 36.1600

Protanopia

28.8289, 29.6573, 35.6575

Deuteranopia

30.2454, 29.6842, 36.4833



Tritanopia

28.4367, 29.6472, 37.4814

Trichromacy



Original Color

28.1609, 29.7689, 36.1600

Protanomaly

28.6233, 29.7832, 35.6926

Deuteranomaly

29.5873, 29.7987, 36.5401

Tritanomaly

28.3495, 29.6123, 37.0225

Monochromacy



Original Color

28.1609, 29.7689, 36.1600

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0299, 29.5252, 33.4998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1609, 29.7689, 36.1600 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(143, 149, 157) looks like.

```
.text, #text, p{  
    color:rgb(143, 149, 157)  
}
```

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(143, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 149, 157) }
```

Border

The CSS property to change the border of an element to XYZ 28.1609, 29.7689, 36.1600 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(143, 149, 157) }
```


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

```
.border{ border-color:rgb(143, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(143, 149,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1609, 29.7689, 36.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 149, 157) }
```

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

```
.background{ background-color: rgb(143,  
149, 157) }
```

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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