

Converting Colors

XYZ(29.7008, 30.7278, 36.2601)

Have a look what the booklet for
XYZ(29.7008, 30.7278, 36.2601)
contains.

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Color

**XYZ(29.7546, 30.8263,
36.2801)**

Conversions

Conversions Part 1

Format	Color
Hex	97969D
RGB	151, 150, 157
RGB Percent	59%, 59%, 62%
CMY	0.4078, 0.4118, 0.3843
CMYK	0.04, 0.04, 0.00, 0.38
HSL	249°, 3%, 60%
HSV	249°, 4%, 62%
XYZ	29.7546, 30.8263, 36.2801
YIQ	151.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

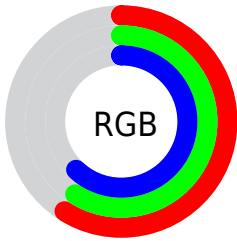
Format	Color
RYB	151, 150, 157
Decimal	9934493
CIELab	62.36, 1.74, -3.55
CIElCh	62, 3.953, 296.114
Yxy	30.8263, 0.3072, 0.3183
Android (android.graphics.Color)	4288124573 (0xFF97969D)
YUV	151.0970, 2.9102, -0.0851
Hunter-Lab	55.5214, -1.5022, 0.1224

Details

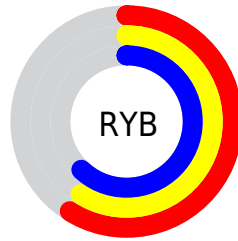
The XYZ color **29.7546, 30.8263, 36.2801** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2735, 33.3847, 33.6513**, and the grayscale version is **29.4461, 30.9796, 33.7367**.

A 20% lighter version of the original color is **58.6534, 60.9183, 70.9544**, and **12.3189, 12.6736, 15.4326** is the 20% darker color. If you saturate the color by 10%, you get **25.0580, 24.9326, 35.3905**, and if you desaturate by 10%, it is **35.0740, 37.5411, 37.2963**.

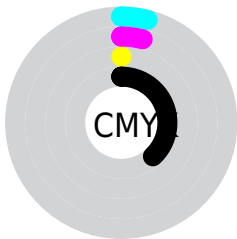
Distribution



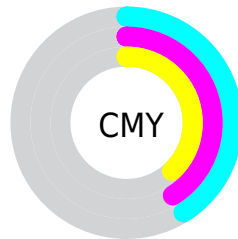
- Red (59%)
- Green (59%)
- Blue (62%)



- Red (59%)
- Yellow (59%)
- Blue (62%)



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



- Cyan (41%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7546, 30.8263, 36.2801 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 29.7546, 30.8263, 36.2801 by changing the saturation by 10% instead.

■ 29.7546, 30.8263,
36.2801

■ 29.7546, 30.8263,
36.2801

292.6893,
305.7373, 345.2575

■ 19.7995, 20.4666,
24.3592

■ 58.6632, 60.9665,
70.6381

■ 12.3568, 12.7347,
15.3856

■ 78.3474, 81.5158,
93.9122

■ 7.0611, 7.2461,
8.9409

102.0054,
106.2304, 121.8079

■ 3.5470, 3.6165,
4.6063

130.0025,
135.4948, 154.7436

■ 1.4492, 1.4614,
1.9635

162.7041,
169.6932, 193.1378

■ 0.2909, 0.2613,
0.5327

200.4755,

■ 0.0000, 0.0000,

209.2102, 237.4092

0.0000

243.6821,
254.4301, 287.9763

■ 29.7546, 30.8263,
36.2801

■ 29.7546, 30.8263,
36.2801

■ 25.0580, 24.9326,
35.3905

■ 35.0740, 37.5411,
37.2963

■ 20.9588, 19.8246,
34.6206

■ 41.0351, 45.1028,
38.4417

■ 17.4335, 15.4701,
33.9659

■ 47.6594, 53.5409,
39.7212

■ 14.4564, 11.8334,
33.4209

■ 54.9666, 62.8823,
41.1392

■ 11.9996, 8.8756,
32.9794

■ 62.9755, 73.1528,
42.6995

■ 10.0327, 6.5542,
32.6350

■ 71.7041, 84.3771,
44.4059

■ 8.5220, 4.8218,
32.3803

■ 79.5853, 93.4098,
45.7340

■ 7.4298, 3.6245,
32.2067

■ 83.0859, 95.2144,
45.8978

■ 6.7111, 2.8969,
32.1042

Harmonies

Analogous

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



29.2298, 30.8263, 36.5906



29.7546, 30.8263, 36.2801



30.1618, 30.8263, 35.2341

Triad

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



29.7546, 30.8263, 36.2801



29.8768, 30.8263, 31.1778



28.2851, 30.8263, 33.3653

Complementary

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



29.7546, 30.8263, 36.2801



31.2735, 33.3847, 33.6513

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.



28.4538, 30.8263, 31.9487



29.7546, 30.8263, 36.2801



29.3692, 30.8263, 30.7102

Square

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



29.7546, 30.8263, 36.2801



30.2329, 30.8263, 32.2845



28.8490, 30.8263, 30.9881



28.3855, 30.8263, 34.8781

Rectangle

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



29.7546, 30.8263, 36.2801



30.3095, 30.8263, 34.2766



28.8490, 30.8263, 30.9881



28.3121, 30.8263, 32.8625

Sweetspot

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



29.7555, 30.8276, 36.2808



56.4353, 59.1735, 65.5739



30.5641, 32.7185, 36.6031



12.4309, 13.0367, 14.4315



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.



29.7555, 30.8276, 36.2808



52.7177, 54.4902, 64.8659



30.4023, 31.1610, 36.3110



6.7827, 6.9991, 8.4001



5.2385, 2.1296, 26.0422



0.1157, 0.0494, 0.4667

Inverse Universe

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



30.8128, 31.3825, 35.8876



54.8746, 55.6222, 64.0608



30.6182, 33.0469, 33.6206



7.0865, 7.1585, 8.2865



14.8338, 7.2381, 19.1735



0.2753, 0.1335, 0.3961

Previews

White Background



This preview shows how the XYZ color 29.7546, 30.8263, 36.2801 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 29.7546, 30.8263, 36.2801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

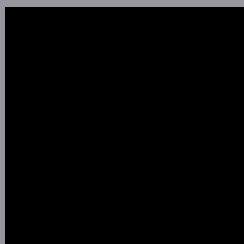
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.7546, 30.8263, 36.2801

Background



This preview shows how black text looks on a background with the XYZ color 29.7546, 30.8263, 36.2801.



This preview shows how white text looks on a background with the XYZ color 29.7546, 30.8263,

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

29.7546, 30.8263, 36.2801

Protanopia

29.9410, 30.9224, 36.2888

Deuteranopia

31.3507, 30.7078, 36.6226



Tritanopia

30.1294, 30.7435, 38.0643

Trichromacy



Original Color

29.7546, 30.8263, 36.2801

Protanomaly

29.9410, 30.9224, 36.2888

Deuteranomaly

30.7058, 30.6052, 36.6368

Tritanomaly

30.0415, 30.7084, 37.6017

Monochromacy



Original Color

29.7546, 30.8263, 36.2801

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.5789, 31.0124, 34.5640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7546, 30.8263, 36.2801 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(151, 150, 157)` looks like.

```
.text, #text, p{  
    color:rgb(151, 150, 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(151, 150, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 150, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.7546, 30.8263, 36.2801 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(151, 150, 157) }
```


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

```
.border{ border-color:rgb(151, 150, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 150, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 150, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 150, 157);  
box-shadow:4px 4px 4px 4px rgb(151, 150,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7546, 30.8263, 36.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 150, 157) }
```

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

```
.background{ background-color: rgb(151,  
150, 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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