

Converting Colors

XYZ(29.7461, 30.7396, 37.9222)

Have a look what the booklet for
XYZ(29.7461, 30.7396, 37.9222)
contains.

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Color

**XYZ(29.7338, 30.7755,
38.0913)**

Conversions

Conversions Part 1

Format	Color
Hex	9596A1
RGB	149, 150, 161
RGB Percent	58%, 59%, 63%
CMY	0.4157, 0.4118, 0.3686
CMYK	0.07, 0.07, 0.00, 0.37
HSL	235°, 6%, 61%
HSV	235°, 7%, 63%
XYZ	29.7338, 30.7755, 38.0913
YIQ	150.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

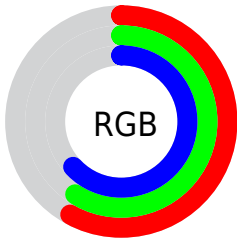
Format	Color
RYB	149, 150, 161
Decimal	9803425
CIELab	62.32, 1.85, -5.89
CIELCh	62, 6.176, 287.395
Yxy	30.7755, 0.3016, 0.3121
Android (android.graphics.Color)	4287993505 (0xFF9596A1)
YUV	150.9550, 4.9522, -1.7145
Hunter-Lab	55.4757, -1.4102, -1.8774

Details

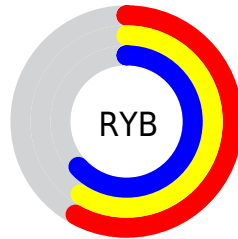
The XYZ color **29.7338, 30.7755, 38.0913** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6936, 34.8882, 33.4453**, and the grayscale version is **29.3777, 30.9076, 33.6584**.

A 20% lighter version of the original color is **58.6161, 60.8401, 73.6197**, and **12.3133, 12.6461, 16.5438** is the 20% darker color. If you saturate the color by 10%, you get **24.7891, 24.9492, 37.2278**, and if you desaturate by 10%, it is **35.3829, 37.4068, 39.0740**.

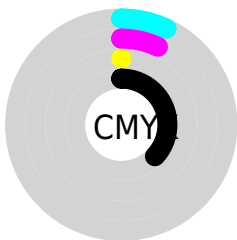
Distribution



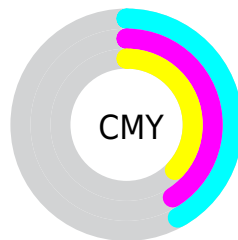
- Red (58%)
- Green (59%)
- Blue (63%)



- Red (58%)
- Yellow (59%)
- Blue (63%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7338, 30.7755, 38.0913 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 29.7338, 30.7755, 38.0913 by changing the saturation by 10% instead.

■ 29.7338, 30.7755,
38.0913

■ 29.7338, 30.7755,
38.0913

292.5938,
305.5027, 353.3214

■ 19.7837, 20.4280,
25.7512

■ 58.6305, 60.8864,
73.4530

■ 12.3453, 12.7065,
16.4135

■ 78.3077, 81.4186,
97.3117

■ 7.0531, 7.2268,
9.6597

101.9581,
106.1145, 125.8470

■ 3.5420, 3.6043,
5.0713

129.9469,
135.3584, 159.4774

■ 1.4464, 1.4548,
2.2297

162.6395,
169.5348, 198.6215

■ 0.2889, 0.2566,
0.6914

200.4013,

■ 0.0000, 0.0000,

209.0281, 243.6979

0.0000

243.5976,
254.2226, 295.1250

■ 29.7338, 30.7755,
38.0913

■ 29.7338, 30.7755,
38.0913

■ 24.7891, 24.9492,
37.2278

■ 35.3829, 37.4068,
39.0740

■ 20.5185, 19.8934,
36.4770

■ 41.7597, 44.8679,
40.1781

■ 16.8936, 15.5770,
35.8349

■ 48.8898, 53.1877,
41.4081

■ 13.8830, 11.9653,
35.2965

■ 56.7967, 62.3922,
42.7680

■ 11.4523, 9.0207,
34.8562

■ 65.5028, 72.5065,
44.2614

■ 9.5641, 6.7022,
34.5082

■ 75.0299, 83.5547,
45.8918

■ 8.1765, 4.9643,
34.2459

■ 82.8897, 94.2665,
47.5452

■ 7.2412, 3.7551,
34.0618

■ 83.4331, 95.3532,
47.7263

■ 6.6881, 3.0071,
33.9466

Harmonies

Analogous

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



28.9022, 30.7755, 38.1997



29.7338, 30.7755, 38.0913



30.4489, 30.7755, 36.7192

Triad

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



29.7338, 30.7755, 38.0913



30.3515, 30.7755, 30.2376



27.7122, 30.7755, 32.5159

Complementary

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



29.7338, 30.7755, 38.0913



32.6936, 34.8882, 33.4453

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.



28.0853, 30.7755, 30.4921



29.7338, 30.7755, 38.0913



29.6029, 30.7755, 29.2194

Square

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



29.7338, 30.7755, 38.0913



30.8102, 30.7755, 32.1534



28.7738, 30.7755, 29.3103



27.7457, 30.7755, 34.9028

Rectangle

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



29.7338, 30.7755, 38.0913



30.7585, 30.7755, 35.3079



28.7738, 30.7755, 29.3103



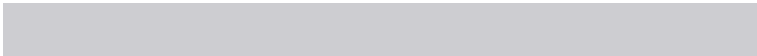
27.7939, 30.7755, 31.7728

Sweetspot

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



29.7347, 30.7768, 38.0920



58.5706, 61.3666, 69.1445



31.4674, 34.4109, 38.1499



12.8723, 13.4901, 15.1691



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.



29.7347, 30.7768, 38.0920



51.6439, 53.2266, 67.9384



30.4694, 30.9191, 38.0807



6.7458, 6.9507, 8.8891



5.2711, 2.3216, 27.1001



0.1241, 0.0756, 0.5739

Inverse Universe

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



30.9511, 31.2746, 33.2610



54.2953, 54.3179, 57.4067



31.9192, 34.7480, 33.4590



7.0967, 7.0951, 7.4955



11.8061, 6.0785, 0.9034



0.2548, 0.1304, 0.0546

Previews

White Background



This preview shows how the XYZ color 29.7338, 30.7755, 38.0913 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 29.7338, 30.7755, 38.0913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

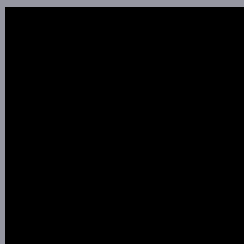
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

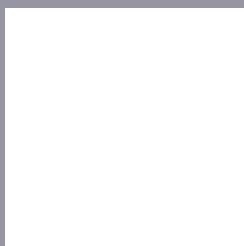
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7338, 30.7755, 38.0913

Background



This preview shows how black text looks on a background with the XYZ color 29.7338, 30.7755, 38.0913.

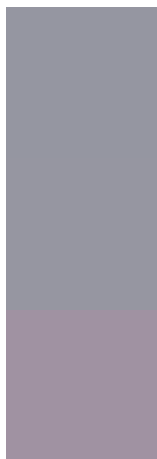


This preview shows how white text looks on a background with the XYZ color 29.7338, 30.7755,

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

29.7338, 30.7755, 38.0913

Protanopia

29.9170, 30.8699, 38.0999

Deuteranopia

31.2977, 30.6400, 38.4470



Tritanopia

29.8224, 30.8109, 38.5577

Trichromacy



Original Color

29.7338, 30.7755, 38.0913

Protanomaly

29.9170, 30.8699, 38.0999

Deuteranomaly

30.6656, 30.5440, 38.4617

Tritanomaly

29.8224, 30.8109, 38.5577

Monochromacy



Original Color

29.7338, 30.7755, 38.0913

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.5607, 30.9838, 35.4328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7338, 30.7755, 38.0913 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(149, 150, 161)` looks like.

```
.text, #text, p{  
    color:rgb(149, 150, 161)  
}
```

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(149, 150, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 150, 161) }
```

Border

The CSS property to change the border of an element to XYZ 29.7338, 30.7755, 38.0913 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(149, 150, 161) }
```


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

```
.border{ border-color:rgb(149, 150, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 150, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 150, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 150, 161);  
box-shadow:4px 4px 4px 4px rgb(149, 150,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7338, 30.7755, 38.0913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 150, 161) }
```

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

```
.background{ background-color: rgb(149,  
150, 161) }
```

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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