

Converting Colors

XYZ(29.5389, 32.0914, 35.2073)

Have a look what the booklet for
XYZ(29.5389, 32.0914, 35.2073)
contains.

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Color

**XYZ(29.5753, 32.2210,
35.2323)**

Conversions

Conversions Part 1

Format	Color
Hex	929C9A
RGB	146, 156, 154
RGB Percent	57%, 61%, 60%
CMY	0.4274, 0.3882, 0.3961
CMYK	0.06, 0.00, 0.01, 0.39
HSL	168°, 5%, 59%
HSV	168°, 6%, 61%
XYZ	29.5753, 32.2210, 35.2323
YIQ	152.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

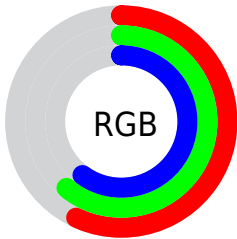
Format	Color
RYB	146, 152, 156
Decimal	9608346
CIELab	63.53, -3.96, -0.19
CIELCh	64, 3.967, 182.803
Yxy	32.2210, 0.3048, 0.3321
Android (android.graphics.Color)	4287798426 (0xFF929C9A)
YUV	152.7820, 0.6005, -5.9478
Hunter-Lab	56.7635, -6.3330, 2.9340

Details

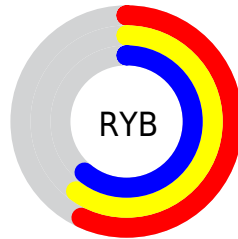
The XYZ color **29.5753, 32.2210, 35.2323** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3357, 29.7648, 32.2177**, and the grayscale version is **30.1834, 31.7553, 34.5815**.

A 20% lighter version of the original color is **58.2512, 62.9266, 68.7504**, and **12.3236, 13.5692, 14.8016** is the 20% darker color. If you saturate the color by 10%, you get **26.7326, 30.7861, 33.7595**, and if you desaturate by 10%, it is **32.8050, 33.8564, 36.7599**.

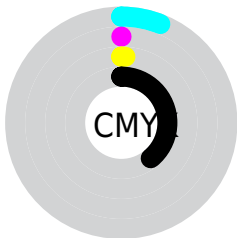
Distribution



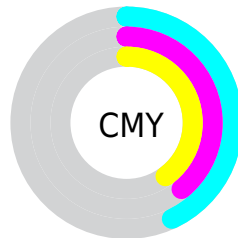
- Red (57%)
- Green (61%)
- Blue (60%)



- Red (57%)
- Yellow (60%)
- Blue (61%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (43%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5753, 32.2210, 35.2323 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 29.5753, 32.2210, 35.2323 by changing the saturation by 10% instead.

■ 29.5753, 32.2210,
35.2323

■ 29.5753, 32.2210,
35.2323

291.8653,
312.1247, 340.5279

■ 19.6629, 21.5304,
23.5569

■ 58.3811, 63.1574,
69.0011

■ 12.2571, 13.5122,
14.7961

■ 78.0053, 84.1719,
91.9316

■ 6.9925, 7.7822,
8.5314

101.5975,
109.3965, 119.4509

■ 3.5037, 3.9559,
4.3442

129.5229,
139.2156, 151.9775

■ 1.4254, 1.6489,
1.8160

162.1471,
174.0136, 189.9300

■ 0.2742, 0.3903,
0.4385

199.8353,

■ 0.0000, 0.0000,

214.1749, 233.7268

0.0000

242.9529,
260.0838, 283.7866

■ 29.5753, 32.2210,
35.2323

■ 29.5753, 32.2210,
35.2323

■ 26.7326, 30.7861,
33.7595

■ 32.8050, 33.8564,
36.7599

■ 24.2590, 29.5398,
32.3384

■ 36.4335, 35.6957,
38.3411

■ 22.1390, 28.4750,
30.9686

■ 40.4752, 37.7473,
39.9775

■ 20.3551, 27.5828,
29.6491

■ 44.9433, 40.0178,
41.6700

■ 18.8883, 26.8532,
28.3787

■ 49.8501, 42.5137,
43.4193

■ 17.7175, 26.2755,
27.1561

■ 55.2076, 45.2412,
45.2264

■ 16.8191, 25.8374,
25.9800

■ 60.9521, 48.1673,
47.0885

■ 16.1660, 25.5251,
24.8488

■ 61.2644, 48.2923,
48.7334

■ 15.7180, 25.3178,
23.7604

■ 61.5840, 48.4201,
50.4161

Harmonies

Analogous

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



29.6891, 32.2210, 33.7097



29.5753, 32.2210, 35.2323



29.7400, 32.2210, 36.7589

Triad

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



29.5753, 32.2210, 35.2323



31.2047, 32.2210, 37.7056



31.1137, 32.2210, 32.4438

Complementary

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



29.5753, 32.2210, 35.2323



29.3357, 29.7648, 32.2177

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.



31.5276, 32.2210, 33.4592



29.5753, 32.2210, 35.2323



31.5806, 32.2210, 36.4935

Square

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



29.5753, 32.2210, 35.2323



30.6771, 32.2210, 38.2135



31.6994, 32.2210, 34.9345



30.5731, 32.2210, 32.1287

Rectangle

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



29.5753, 32.2210, 35.2323



29.9868, 32.2210, 37.5652



31.6994, 32.2210, 34.9345



31.2724, 32.2210, 32.7130

Sweetspot

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



29.5762, 32.2224, 35.2330



56.1923, 59.7746, 65.1904



29.3208, 32.1651, 31.8579



12.3805, 13.1610, 14.3522



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.



29.5762, 32.2224, 35.2330



52.7643, 58.0410, 63.5156



29.2744, 31.3496, 35.9622



6.7649, 7.4867, 8.1965



12.8417, 20.8046, 19.3214



0.2429, 0.3773, 0.4155

Inverse Universe

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



29.3357, 29.7648, 32.2177



52.2149, 52.4265, 56.6271



29.6208, 30.5865, 31.5374



6.6847, 6.6668, 7.1906



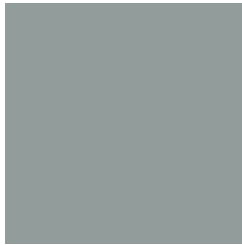
11.5098, 5.9085, 1.6698



0.2187, 0.1108, 0.0978

Previews

White Background



This preview shows how the XYZ color 29.5753, 32.2210, 35.2323 looks on a white background.

Color Contrast Check

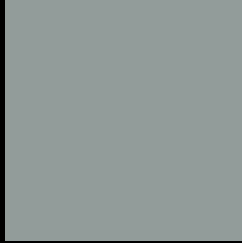
Large Text (above 18pt) WCAG AA × Fail

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 29.5753, 32.2210, 35.2323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

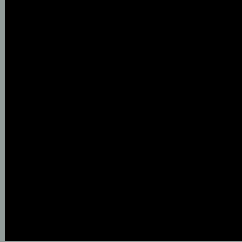
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

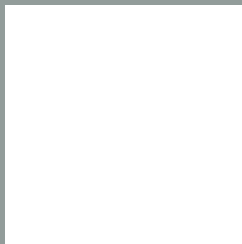
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5753, 32.2210, 35.2323

Background



This preview shows how black text looks on a background with the XYZ color 29.5753, 32.2210, 35.2323.



This preview shows how white text looks on a background with the XYZ color 29.5753, 32.2210,

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

29.5753, 32.2210, 35.2323

Protanopia

30.9634, 32.2176, 34.2924

Deuteranopia

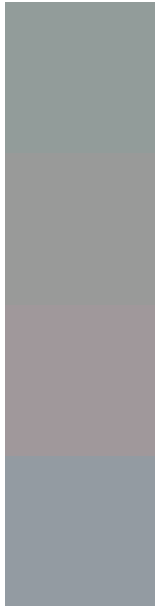
32.8123, 32.1863, 35.4935



Tritanopia

30.6513, 32.1603, 40.6685

Trichromacy



Original Color

29.5753, 32.2210, 35.2323

Protanomaly

30.4422, 32.1834, 34.7445

Deuteranomaly

31.6418, 32.2966, 35.5765

Tritanomaly

30.2756, 32.2544, 38.8124

Monochromacy



Original Color

29.5753, 32.2210, 35.2323

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.8830, 31.8951, 34.7184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5753, 32.2210, 35.2323 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(146, 156, 154) looks like.

```
.text, #text, p{  
    color:rgb(146, 156, 154)  
}
```

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(146, 156, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 156, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.5753, 32.2210, 35.2323 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(146, 156, 154) }
```


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

```
.border{ border-color:rgb(146, 156, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 156, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 156, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 156, 154);  
box-shadow:4px 4px 4px 4px rgb(146, 156,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5753, 32.2210, 35.2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 156, 154) }
```

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

```
.background{ background-color: rgb(146,  
156, 154) }
```

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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