

Converting Colors

XYZ(29.7355, 33.8325, 35.5353)

Have a look what the booklet for
XYZ(29.7355, 33.8325, 35.5353)
contains.

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Color

**XYZ(29.7376, 33.8365,
35.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA29A
RGB	141, 162, 154
RGB Percent	55%, 64%, 60%
CMY	0.4471, 0.3647, 0.3961
CMYK	0.13, 0.00, 0.05, 0.36
HSL	157°, 10%, 59%
HSV	157°, 13%, 64%
XYZ	29.7376, 33.8365, 35.5356
YIQ	154.8090, -9.9480, -6.9400

Conversions

Conversions Part 2

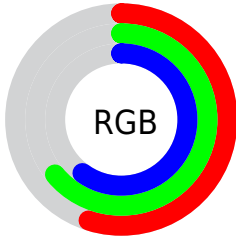
Format	Color
RYB	141, 154, 162
Decimal	9282202
CIELab	64.83, -8.98, 1.67
CIELCh	65, 9.133, 169.480
Yxy	33.8365, 0.3000, 0.3414
Android (android.graphics.Color)	4287472282 (0xFF8DA29A)
YUV	154.8090, -0.3988, -12.1105
Hunter-Lab	58.1691, -10.5421, 4.4981

Details

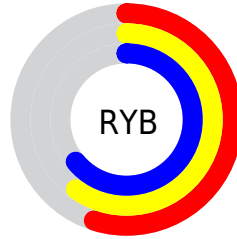
The XYZ color **29.7376, 33.8365, 35.5356** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8512, 28.9020, 32.4407**, and the grayscale version is **31.0769, 32.6954, 35.6052**.

A 20% lighter version of the original color is **58.7037, 65.7819, 69.2777**, and **12.3385, 14.3553, 14.9525** is the 20% darker color. If you saturate the color by 10%, you get **26.6811, 32.3196, 32.7779**, and if you desaturate by 10%, it is **33.2254, 35.5745, 38.4530**.

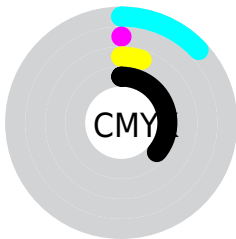
Distribution



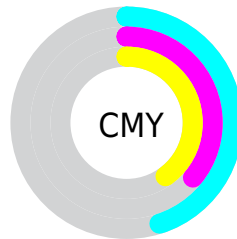
- Red (55%)
- Green (64%)
- Blue (60%)



- Red (55%)
- Yellow (60%)
- Blue (64%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (45%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7376, 33.8365, 35.5356 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 29.7376, 33.8365, 35.5356 by changing the saturation by 10% instead.

■ 29.7376, 33.8365,
35.5356

■ 29.7376, 33.8365,
35.5356

292.6113,
319.4024, 341.9020

■ 19.7866, 22.7680,
23.7889

■ 58.6364, 65.6793,
69.4756

■ 12.3474, 14.4223,
14.9663

■ 78.3150, 87.2225,
92.5060

■ 7.0546, 8.4150,
8.6494

■ 101.9667,
113.0260, 120.1347

■ 3.5429, 4.3616,
4.4195

129.9571,
143.4742, 152.7803

■ 1.4469, 1.8778,
1.8582

162.6513,
178.9516, 190.8613

■ 0.2893, 0.5350,
0.4659

200.4149,

■ 0.0000, 0.0000,

219.8424, 234.7962

0.0000

243.6131,
266.5313, 285.0036

■ 29.7376, 33.8365,
35.5356

■ 29.7376, 33.8365,
35.5356

■ 26.6811, 32.3196,
32.7779

■ 33.2254, 35.5745,
38.4530

■ 24.0353, 31.0105,
30.1746

■ 37.1584, 37.5380,
41.5305

■ 21.7820, 29.9008,
27.7237

■ 41.5534, 39.7365,
44.7717

■ 19.9005, 28.9799,
25.4219

■ 46.4255, 42.1778,
48.1792

■ 18.3682, 28.2361,
23.2659

■ 51.7889, 44.8691,
51.7554

■ 17.1599, 27.6565,
21.2524

■ 57.6574, 47.8176,
55.5030

■ 16.2467, 27.2263,
19.3777

■ 64.0443, 51.0300,
59.4244

■ 15.5946, 26.9279,
17.6378

■ 64.9863, 51.4321,
63.2422

■ 15.2346, 26.7674,
16.4903

■ 65.7386, 51.7330,
67.2041

Harmonies

Analogous

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



30.2761, 33.8365, 32.3339



29.7376, 33.8365, 35.5356



29.8348, 33.8365, 39.3108

Triad

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



29.7376, 33.8365, 35.5356



33.0114, 33.8365, 44.1010



33.8318, 33.8365, 31.6060

Complementary

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



29.7376, 33.8365, 35.5356



29.8512, 28.9020, 32.4407

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.



34.6042, 33.8365, 34.4792



29.7376, 33.8365, 35.5356



34.1217, 33.8365, 41.7512

Square

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



29.7376, 33.8365, 35.5356



31.7011, 33.8365, 44.4320



34.7117, 33.8365, 38.1804



32.6245, 33.8365, 30.1700

Rectangle

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



29.7376, 33.8365, 35.5356



30.2478, 33.8365, 41.6419



34.7117, 33.8365, 38.1804



34.1523, 33.8365, 32.4263

Sweetspot

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



29.7386, 33.8379, 35.5364



59.5723, 64.2095, 69.2024



30.1328, 34.1596, 30.2051



13.2716, 14.3673, 15.4543



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.7386, 33.8379, 35.5364



52.0465, 60.4636, 62.8063



30.0002, 33.2586, 39.0225



7.1611, 7.9653, 8.4603



12.0230, 21.0956, 13.1038



0.2746, 0.4520, 0.3909

Inverse Universe

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



29.8512, 28.9020, 32.4407



52.2982, 49.4487, 55.8992



29.5993, 29.3857, 29.3118



7.1802, 7.1285, 7.9355



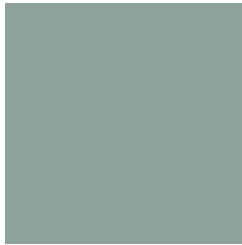
12.4376, 6.3311, 4.2292



0.2839, 0.1421, 0.2078

Previews

White Background



This preview shows how the XYZ color 29.7376, 33.8365, 35.5356 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 29.7376, 33.8365, 35.5356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

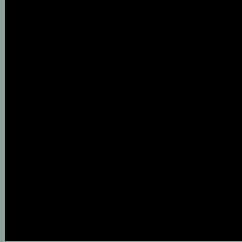
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.7376, 33.8365, 35.5356

Background



This preview shows how black text looks on a background with the XYZ color 29.7376, 33.8365, 35.5356.



This preview shows how white text looks on a background with the XYZ color 29.7376, 33.8365,

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

29.7376, 33.8365, 35.5356

Protanopia

32.1723, 33.5884, 34.0657

Deuteranopia

34.2422, 33.6274, 36.1385



Tritanopia

31.3461, 33.7041, 43.8832

Trichromacy



Original Color

29.7376, 33.8365, 35.5356

Protanomaly

31.2208, 33.5907, 34.5439

Deuteranomaly

32.5028, 33.7206, 35.8060

Tritanomaly

30.6900, 33.6979, 40.4841

Monochromacy



Original Color

29.7376, 33.8365, 35.5356

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7209, 33.3043, 35.8196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7376, 33.8365, 35.5356 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(141, 162, 154)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 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(141, 162, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.7376, 33.8365, 35.5356 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(141, 162, 154) }
```


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

```
.border{ border-color:rgb(141, 162, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 162, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 162, 154); box-shadow:4px 4px 4px 4px rgb(141, 162, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7376, 33.8365, 35.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 154) }
```

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

```
.background{ background-color: rgb(141,  
162, 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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