

Converting Colors

XYZ(29.2290, 33.3766, 34.9197)

Have a look what the booklet for
XYZ(29.2290, 33.3766, 34.9197)
contains.

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Color

**XYZ(29.1421, 33.2786,
35.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA199
RGB	139, 161, 153
RGB Percent	55%, 63%, 60%
CMY	0.4549, 0.3686, 0.4000
CMYK	0.14, 0.00, 0.05, 0.37
HSL	158°, 10%, 59%
HSV	158°, 14%, 63%
XYZ	29.1421, 33.2786, 35.0245
YIQ	153.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

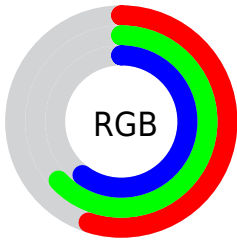
Format	Color
RYB	139, 152, 161
Decimal	9150873
CIELab	64.39, -9.33, 1.56
CIELCh	64, 9.464, 170.509
Yxy	33.2786, 0.2991, 0.3415
Android (android.graphics.Color)	4287340953 (0xFF8BA199)
YUV	153.5100, -0.2514, -12.7253
Hunter-Lab	57.6876, -10.7803, 4.3839

Details

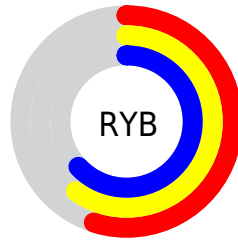
The XYZ color **29.1421, 33.2786, 35.0245** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1982, 28.1497, 31.4997**, and the grayscale version is **30.5057, 32.0944, 34.9508**.

A 20% lighter version of the original color is **57.8107, 64.9542, 68.5219**, and **11.9867, 14.0204, 14.6448** is the 20% darker color. If you saturate the color by 10%, you get **26.1776, 31.8058, 32.4231**, and if you desaturate by 10%, it is **32.5282, 34.9678, 37.7709**.

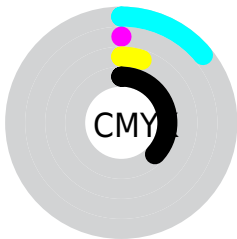
Distribution



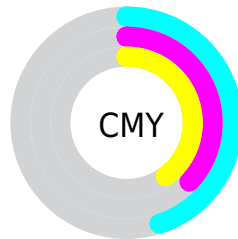
- Red (55%)
- Green (63%)
- Blue (60%)



- Red (55%)
- Yellow (60%)
- Blue (63%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (37%)



- Cyan (45%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1421, 33.2786, 35.0245 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 29.1421, 33.2786, 35.0245 by changing the saturation by 10% instead.

■ 29.1421, 33.2786,
35.0245

■ 29.1421, 33.2786,
35.0245

289.8670,
316.9033, 339.5840

■ 19.3332, 22.3400,
23.3980

■ 57.6988, 64.8102,
68.6757

■ 12.0167, 14.1069,
14.6796

■ 77.1772, 86.1720,
91.5376

■ 6.8273, 8.1951,
8.4507

■ 100.6096,
111.7770, 118.9816

■ 3.3997, 4.2200,
4.2928

128.3611,
142.0095, 151.4264

■ 1.3685, 1.7974,
1.7873

160.7973,
177.2540, 189.2905

■ 0.2336, 0.4855,
0.4196

198.2834,

■ 0.0000, 0.0000,

217.8949, 232.9925

0.0000

241.1849,
264.3165, 282.9508

■ 29.1421, 33.2786,
35.0245

■ 29.1421, 33.2786,
35.0245

■ 26.1776, 31.8058,
32.4231

■ 32.5282, 34.9678,
37.7709

■ 23.6143, 30.5362,
29.9620

■ 36.3495, 36.8778,
40.6627

■ 21.4342, 29.4614,
27.6392

■ 40.6227, 39.0178,
43.7029

■ 19.6170, 28.5711,
25.4519

■ 45.3624, 41.3955,
46.8939

■ 18.1402, 27.8538,
23.3972

■ 50.5829, 44.0182,
50.2381

■ 16.9789, 27.2965,
21.4720

■ 56.2977, 46.8927,
53.7376

■ 16.1044, 26.8846,
19.6730

■ 62.5198, 50.0258,
57.3945

■ 15.4828, 26.6006,
17.9966

■ 64.3929, 50.9139,
60.9833

■ 15.1660, 26.4592,
16.9946

■ 65.0900, 51.1928,
64.6538

Harmonies

Analogous

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



29.6719, 33.2786, 31.7160



29.1421, 33.2786, 35.0245



29.2642, 33.2786, 38.8982

Triad

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



29.1421, 33.2786, 35.0245



32.5471, 33.2786, 43.6415



33.3075, 33.2786, 30.8027

Complementary

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



29.1421, 33.2786, 35.0245



29.1982, 28.1497, 31.4997

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.



34.1206, 33.2786, 33.6957



29.1421, 33.2786, 35.0245



33.6731, 33.2786, 41.1635

Square

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



29.1421, 33.2786, 35.0245



31.2049, 33.2786, 44.0605



34.2563, 33.2786, 37.4725



32.0596, 33.2786, 29.3953

Rectangle

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



29.1421, 33.2786, 35.0245



29.7003, 33.2786, 41.2737



34.2563, 33.2786, 37.4725



33.6422, 33.2786, 31.6236

Sweetspot

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



29.1430, 33.2800, 35.0252



57.9891, 62.4900, 67.4349



29.4507, 33.5645, 29.3530



12.6173, 13.6548, 14.7104



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.



29.1430, 33.2800, 35.0252



50.7194, 58.8668, 61.4717



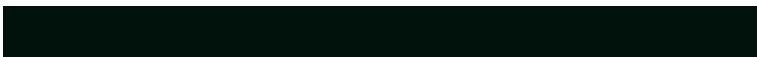
29.3198, 32.5400, 38.4554



7.1663, 7.9673, 8.4873



12.1321, 21.1392, 13.6779



0.2764, 0.4528, 0.4004

Inverse Universe

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



29.1982, 28.1497, 31.4997



50.8353, 48.1039, 54.0764



29.0223, 28.7682, 28.4498



7.1753, 7.1266, 7.9094



12.3783, 6.3074, 3.9168



0.2822, 0.1414, 0.1988

Previews

White Background



This preview shows how the XYZ color 29.1421, 33.2786, 35.0245 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 29.1421, 33.2786, 35.0245 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

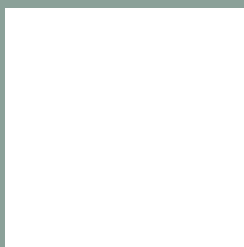
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1421, 33.2786, 35.0245

Background



This preview shows how black text looks on a background with the XYZ color 29.1421, 33.2786, 35.0245.



This preview shows how white text looks on a background with the XYZ color 29.1421, 33.2786,

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

29.1421, 33.2786, 35.0245

Protanopia

31.7236, 33.1183, 33.5746

Deuteranopia

33.7776, 33.1577, 35.6302



Tritanopia

30.7329, 33.1448, 43.3059

Trichromacy



Original Color

29.1421, 33.2786, 35.0245

Protanomaly

30.5918, 33.0237, 34.0400

Deuteranomaly

31.8522, 33.1467, 35.2910

Tritanomaly

30.0835, 33.1393, 39.9329

Monochromacy



Original Color

29.1421, 33.2786, 35.0245

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2841, 32.8366, 35.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1421, 33.2786, 35.0245 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(139, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(139, 161, 153)  
}
```

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(139, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 161, 153) }
```

Border

The CSS property to change the border of an element to XYZ 29.1421, 33.2786, 35.0245 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(139, 161, 153) }
```


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

```
.border{ border-color:rgb(139, 161, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 161, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 161, 153);  
box-shadow:4px 4px 4px 4px rgb(139, 161,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1421, 33.2786, 35.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 161, 153) }
```

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

```
.background{ background-color: rgb(139,  
161, 153) }
```

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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