

Converting Colors

XYZ(29.3655, 35.2879, 21.7865)

Have a look what the booklet for
XYZ(29.3655, 35.2879, 21.7865)
contains.

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Color

**XYZ(29.3655, 35.2879,
21.7865)**

Conversions

Conversions Part 1

Format	Color
Hex	95A774
RGB	149, 167, 116
RGB Percent	58%, 65%, 45%
CMY	0.4157, 0.3451, 0.5451
CMYK	0.11, 0.00, 0.31, 0.35
HSL	81°, 22%, 55%
HSV	81°, 31%, 65%
XYZ	29.3655, 35.2879, 21.7865
YIQ	155.8040, 5.6430, -19.6770

Conversions

Conversions Part 2

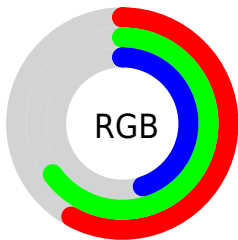
Format	Color
RYB	116, 167, 134
Decimal	9807732
CIELab	65.97, -15.31, 24.35
CIELCh	66, 28.767, 122.162
Yxy	35.2879, 0.3397, 0.4082
Android (android.graphics.Color)	4287997812 (0xFF95A774)
YUV	155.8040, -19.6234, -5.9671
Hunter-Lab	59.4036, -15.7169, 19.8377

Details

The XYZ color **29.3655, 35.2879, 21.7865** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.0533, 20.3501, 39.2740**, and the grayscale version is **31.5962, 33.2417, 36.2002**.

A 20% lighter version of the original color is **58.0910, 67.9071, 47.0914**, and **12.1809, 15.2634, 7.6143** is the 20% darker color. If you saturate the color by 10%, you get **27.4319, 34.3945, 17.0730**, and if you desaturate by 10%, it is **31.5300, 36.2823, 27.4239**.

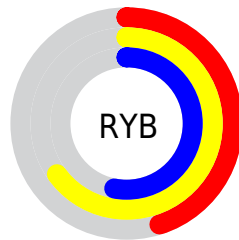
Distribution



Red (58%)

Green (65%)

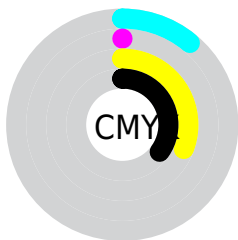
Blue (45%)



Red (45%)

Yellow (65%)

Blue (53%)

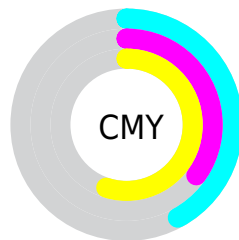


Cyan (11%)

Magenta (0%)

Yellow (31%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3655, 35.2879, 21.7865 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 29.3655, 35.2879, 21.7865 by changing the saturation by 10% instead.

■ 29.3655, 35.2879,
21.7865

■ 29.3655, 35.2879,
21.7865

290.8988,
325.8373, 274.3463

■ 19.5032, 23.8847,
13.5033

■ 58.0508, 67.9315,
47.2905

■ 12.1406, 15.2481,
7.6412

■ 77.6046, 89.9408,
65.3484

■ 6.9124, 8.9937,
3.7818

■ 101.1194,
116.2542, 87.5016

■ 3.4532, 4.7371,
1.5064

128.9608,
147.2561, 114.1687

■ 1.3977, 2.0938,
0.2227

161.4941,
183.3310, 145.7682

■ 0.2546, 0.6612,
0.0000

199.0846,

■ 0.0000, 0.0000,

224.8633, 182.7186

0.0000

242.0977,
272.2372, 225.4384

■ 29.3655, 35.2879,
21.7865

■ 29.3655, 35.2879,
21.7865

■ 27.4319, 34.3945,
17.0730

■ 31.5300, 36.2823,
27.4239

■ 25.7164, 33.5934,
13.2318

■ 33.9322, 37.3770,
34.0286

■ 24.2088, 32.8815,
10.2097

■ 36.5819, 38.5771,
41.6439

■ 22.8969, 32.2539,
7.9468

■ 39.4873, 39.8861,
50.3100

■ 21.7669, 31.7050,
6.3748

■ 42.6564, 41.3072,
60.0647

■ 20.8028, 31.2283,
5.4136

■ 46.0967, 42.8436,
70.9442

■ 20.0101, 30.8303,
4.8962

■ 49.8156, 44.4981,
82.9826

■ 53.8198, 46.2737,
96.2130

■ 56.2419, 47.4233,
100.7971

Harmonies

Analogous

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



33.2320, 35.2879, 19.4225



29.3655, 35.2879, 21.7865



26.8049, 35.2879, 28.4746

Triad

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



29.3655, 35.2879, 21.7865



29.8581, 35.2879, 63.1276



42.4107, 35.2879, 37.5443

Complementary

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



29.3655, 35.2879, 21.7865



23.0533, 20.3501, 39.2740

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.



41.3184, 35.2879, 50.4532



29.3655, 35.2879, 21.7865



33.8501, 35.2879, 66.9601

Square

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



29.3655, 35.2879, 21.7865



27.0719, 35.2879, 52.3138



38.0927, 35.2879, 61.9034



40.9643, 35.2879, 27.2377

Rectangle

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



29.3655, 35.2879, 21.7865



26.0613, 35.2879, 35.3108



38.0927, 35.2879, 61.9034



42.3281, 35.2879, 41.7119

Sweetspot

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



29.3664, 35.2895, 21.7873



61.3939, 67.2209, 62.7083



27.5944, 26.4863, 20.1815



13.5954, 14.9776, 13.6281



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.3664, 35.2895, 21.7873



50.0795, 62.0377, 32.8340



25.2339, 33.1591, 21.5939



7.8860, 8.6394, 8.0412



15.3657, 23.6186, 3.7490



0.4262, 0.6016, 0.0937

Inverse Universe

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



23.0533, 20.3501, 39.2740



36.8624, 30.7456, 69.4669



27.5893, 22.6884, 39.4863



7.3723, 7.4245, 9.4629



6.7643, 2.8705, 28.1730



0.2200, 0.0984, 0.6880

Previews

White Background



This preview shows how the XYZ color 29.3655, 35.2879, 21.7865 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 29.3655, 35.2879, 21.7865 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 29.3655, 35.2879, 21.7865

Background



This preview shows how black text looks on a background with the XYZ color 29.3655, 35.2879, 21.7865.



This preview shows how white text looks on a background with the XYZ color 29.3655, 35.2879,

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

29.3655, 35.2879, 21.7865

Protanopia

32.7850, 35.2181, 20.6926

Deuteranopia

35.7073, 34.9332, 22.3136



Tritanopia

33.9218, 35.2883, 44.0532

Trichromacy



Original Color

29.3655, 35.2879, 21.7865

Protanomaly

31.4443, 35.3018, 21.0762

Deuteranomaly

32.9524, 34.7604, 22.1122

Tritanomaly

32.0911, 35.3314, 34.8340

Monochromacy



Original Color

29.3655, 35.2879, 21.7865

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.5154, 33.8370, 30.1222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3655, 35.2879, 21.7865 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, 167, 116)` looks like.

```
.text, #text, p{  
    color:rgb(149, 167, 116)  
}
```

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, 167, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 167, 116) }
```

Border

The CSS property to change the border of an element to XYZ 29.3655, 35.2879, 21.7865 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, 167, 116) }
```


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

```
.border{ border-color:rgb(149, 167, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 167, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 167, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 167, 116);  
box-shadow:4px 4px 4px 4px rgb(149, 167,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3655, 35.2879, 21.7865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 167, 116) }
```

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

```
.background{ background-color: rgb(149,  
167, 116) }
```

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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