

Converting Colors

XYZ(35.0028, 32.8621, 66.7855)

Have a look what the booklet for
XYZ(35.0028, 32.8621, 66.7855)
contains.

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Color

**XYZ(35.0028, 32.8621,
66.7855)**

Conversions

Conversions Part 1

Format	Color
Hex	9496D4
RGB	148, 150, 212
RGB Percent	58%, 59%, 83%
CMY	0.4196, 0.4118, 0.1686
CMYK	0.30, 0.29, 0.00, 0.17
HSL	238°, 43%, 71%
HSV	238°, 30%, 83%
XYZ	35.0028, 32.8621, 66.7855
YIQ	156.4700, -21.0940, 18.8580

Conversions

Conversions Part 2

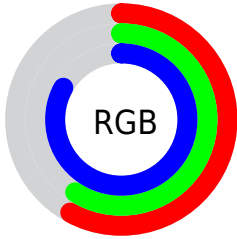
Format	Color
R_{YB}	148, 150, 212
Decimal	9737940
CIE _{Lab}	64.05, 13.35, -31.91
CIE _{LCh}	64, 34.595, 292.704
Yxy	32.8621, 0.2600, 0.2441
Android (android.graphics.Color)	4287928020 (0xFF9496D4)
YUV	156.4700, 27.3763, -7.4282
Hunter-Lab	57.3255, 8.6721, -28.9464

Details

The XYZ color **35.0028, 32.8621, 66.7855** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.5440, 62.2290, 37.1022**, and the grayscale version is **31.6990, 33.3498, 36.3180**.

A 20% lighter version of the original color is **64.2715, 63.1022, 103.4002**, and **15.2670, 13.7909, 33.7555** is the 20% darker color. If you saturate the color by 10%, you get **28.5186, 25.0739, 65.6246**, and if you desaturate by 10%, it is **42.7659, 42.1636, 68.1723**.

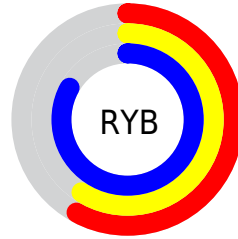
Distribution



Red (58%)

Green (59%)

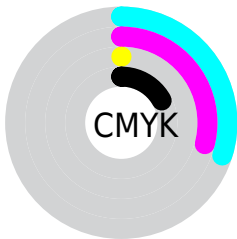
Blue (83%)



Red (58%)

Yellow (59%)

Blue (83%)

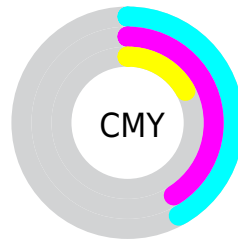


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (41%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0028, 32.8621, 66.7855 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 35.0028, 32.8621, 66.7855 by changing the saturation by 10% instead.

■ 35.0028, 32.8621,
66.7855

■ 35.0028, 32.8621,
66.7855

316.0885,
315.0279, 467.6616

■ 23.8316, 22.0208,
48.4498

■ 66.8241, 64.1602,
116.2507

■ 15.3328, 13.8722,
33.8207

■ 88.2049, 85.3858,
148.2174

■ 9.1411, 8.0318,
22.4797

113.7195,
110.8416, 185.5647

■ 4.8912, 4.1153,
14.0081

143.7334,
140.9120, 228.7114

■ 2.2177, 1.7383,
7.9875

178.6119,
175.9815, 278.0759

■ 0.7520, 0.4483,
3.9993

218.7203,

■ 0.0000, 0.0000,

216.4343, 334.0767

1.6249

264.4241,
262.6550, 397.1324

■ 0.0000, 0.0000,
0.3085

■ 0.0000, 0.0000,
0.0000

■ 35.0028, 32.8621,
66.7855

■ 35.0028, 32.8621,
66.7855

■ 28.5186, 25.0739,
65.6246

■ 42.7659, 42.1636,
68.1723

■ 23.2415, 18.7153,
64.6754

■ 51.8677, 53.0484,
69.7935

■ 19.0980, 13.7007,
63.9258

■ 62.3685, 65.5868,
71.6602

■ 16.0049, 9.9334,
63.3617

■ 74.3237, 79.8437,
73.7820

■ 13.8679, 7.3041,
62.9668

■ 87.7859, 95.8806,
76.1679

■ 12.5757, 5.6845,
62.7223

■ 88.8838, 97.5335,
76.4291

■ 11.9557, 4.8973,
62.6030

Harmonies

Analogous

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



30.0564, 32.8621, 69.6561



35.0028, 32.8621, 66.7855



39.3204, 32.8621, 54.6868

Triad

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



35.0028, 32.8621, 66.7855



37.2802, 32.8621, 18.3609



22.8115, 32.8621, 32.4717

Complementary

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



35.0028, 32.8621, 66.7855



55.5440, 62.2290, 37.1022

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.



24.3408, 32.8621, 21.8283



35.0028, 32.8621, 66.7855



32.4429, 32.8621, 15.1779

Square

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



35.0028, 32.8621, 66.7855



40.7280, 32.8621, 26.3684



27.7467, 32.8621, 16.2566



23.3443, 32.8621, 47.2036

Rectangle

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



35.0028, 32.8621, 66.7855



41.0909, 32.8621, 44.3920



27.7467, 32.8621, 16.2566



23.0955, 32.8621, 28.3629

Sweetspot

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



35.0039, 32.8634, 66.7863



80.4180, 82.5303, 106.2992



47.3734, 58.0301, 69.5904



16.7423, 17.1028, 22.6687



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.0039, 32.8634, 66.7863



46.8440, 42.3251, 100.3084



40.8042, 35.3838, 66.9670



11.7734, 12.0702, 15.6468



7.3943, 3.0505, 38.6522



0.4572, 0.2064, 2.3351

Inverse Universe

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



43.2473, 37.3801, 33.7912



61.2620, 50.2812, 42.5859



48.2126, 59.1872, 36.9015



12.4388, 12.4270, 12.9851



16.7912, 8.6528, 0.9385



1.0184, 0.5242, 0.0864

Previews

White Background



This preview shows how the XYZ color 35.0028, 32.8621, 66.7855 looks on a white background.

Color Contrast Check

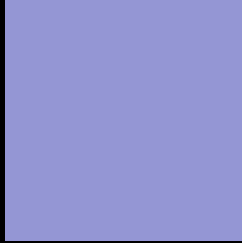
Large Text (above 18pt) WCAG AA × Fail

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 35.0028, 32.8621, 66.7855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

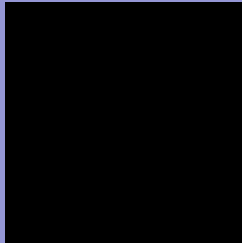
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0028, 32.8621, 66.7855

Background



This preview shows how black text looks on a background with the XYZ color 35.0028, 32.8621, 66.7855.



This preview shows how white text looks on a background with the XYZ color 35.0028, 32.8621,

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

35.0028, 32.8621, 66.7855

Protanopia

33.8454, 32.9559, 68.1956

Deuteranopia

33.6303, 32.8889, 66.2037



Tritanopia

30.2250, 32.8830, 43.2821

Trichromacy



Original Color

35.0028, 32.8621, 66.7855

Protanomaly

34.2230, 32.9233, 67.5019

Deuteranomaly

34.1414, 32.9104, 66.1809

Tritanomaly

31.7396, 32.7386, 51.1007

Monochromacy



Original Color

35.0028, 32.8621, 66.7855

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5289, 33.0181, 45.7330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0028, 32.8621, 66.7855 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(148, 150, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 150, 212)  
}
```

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(148, 150, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 150, 212) }
```

Border

The CSS property to change the border of an element to XYZ 35.0028, 32.8621, 66.7855 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(148, 150, 212) }
```


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

```
.border{ border-color:rgb(148, 150, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 150, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 150, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 150, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 150,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0028, 32.8621, 66.7855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 150, 212) }
```

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

```
.background{ background-color: rgb(148,  
150, 212) }
```

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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