

Converting Colors

XYZ(35.9115, 32.1788, 66.5851)

Have a look what the booklet for
XYZ(35.9115, 32.1788, 66.5851)
contains.

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Color

**XYZ(35.9137, 32.1724,
66.6044)**

Conversions

Conversions Part 1

Format	Color
Hex	9D91D4
RGB	157, 145, 212
RGB Percent	62%, 57%, 83%
CMY	0.3843, 0.4314, 0.1686
CMYK	0.26, 0.32, 0.00, 0.17
HSL	251°, 44%, 70%
HSV	251°, 32%, 83%
XYZ	35.9137, 32.1724, 66.6044
YIQ	156.2260, -14.3550, 23.3810

Conversions

Conversions Part 2

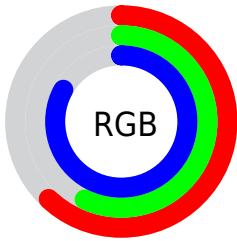
Format	Color
RYB	157, 145, 212
Decimal	10326484
CIELab	63.49, 18.87, -32.73
CIElCh	63, 37.781, 299.957
Yxy	32.1724, 0.2666, 0.2389
Android (android.graphics.Color)	4288516564 (0xFF9D91D4)
YUV	156.2260, 27.4966, 0.6788
Hunter-Lab	56.7207, 13.7591, -29.9169

Details

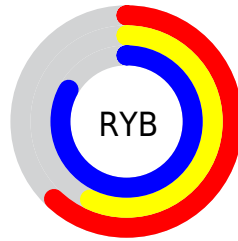
The XYZ color **35.9137, 32.1724, 66.6044** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.4746, 61.4114, 35.8773**, and the grayscale version is **31.5874, 33.2324, 36.1901**.

A 20% lighter version of the original color is **65.9140, 62.2130, 103.1420**, and **15.8869, 13.5618, 33.6786** is the 20% darker color. If you saturate the color by 10%, you get **29.8146, 24.6602, 65.4764**, and if you desaturate by 10%, it is **43.1031, 41.1453, 67.9580**.

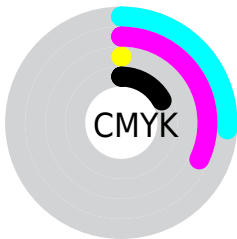
Distribution



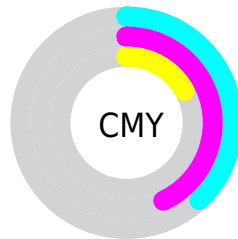
- Red (62%)
- Green (57%)
- Blue (83%)



- Red (62%)
- Yellow (57%)
- Blue (83%)



- Cyan (26%)
- Magenta (32%)
- Yellow (0%)
- Black (17%)



- Cyan (38%)
- Magenta (43%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9137, 32.1724, 66.6044 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 35.9137, 32.1724, 66.6044 by changing the saturation by 10% instead.

■ 35.9137, 32.1724,
66.6044

■ 35.9137, 32.1724,
66.6044

320.0210,
311.9038, 466.9984

■ 24.5374, 21.4932,
48.3036

■ 68.2236, 63.0813,
115.9886

■ 15.8596, 13.4850,
33.7057

■ 89.8878, 84.0797,
147.9092

■ 9.5151, 7.7634,
22.3921

115.7121,
109.2867, 185.2067

■ 5.1384, 3.9439,
13.9442

146.0617,
139.0867, 228.2998

■ 2.3643, 1.6422,
7.9436

181.3021,
173.8640, 277.6070

■ 0.8273, 0.3858,
3.9716

221.7985,

■ 0.0000, 0.0000,

214.0030, 333.5468

1.6098

267.9164,
259.8882, 396.5378

■ 0.0000, 0.0000,
0.2978

■ 0.0000, 0.0000,
0.0000

■ 35.9137, 32.1724,
66.6044

■ 35.9137, 32.1724,
66.6044

■ 29.8146, 24.6602,
65.4764

■ 43.1031, 41.1453,
67.9580

■ 24.7485, 18.5272,
64.5596

■ 51.4297, 51.6471,
69.5462

■ 20.6577, 13.6892,
63.8414

■ 60.9416, 63.7464,
71.3802

■ 17.4773, 10.0516,
63.3069

■ 71.6833, 77.5063,
73.4700

■ 15.1342, 7.5063,
62.9391

■ 83.6967, 92.9866,
75.8248

■ 13.5433, 5.9254,
62.7178

■ 88.8838, 97.5335,
76.4291

■ 12.6820, 5.1650,
62.6164

Harmonies

Analogous

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



30.5713, 32.1724, 72.7233



35.9137, 32.1724, 66.6044



40.1985, 32.1724, 51.6291

Triad

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



35.9137, 32.1724, 66.6044



35.9283, 32.1724, 15.4597



21.5373, 32.1724, 35.0086

Complementary

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



35.9137, 32.1724, 66.6044



52.4746, 61.4114, 35.8773

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.



22.6312, 32.1724, 22.4354



35.9137, 32.1724, 66.6044



30.5865, 32.1724, 13.3115

Square

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



35.9137, 32.1724, 66.6044



40.2076, 32.1724, 22.4633



25.8004, 32.1724, 15.4472



22.6250, 32.1724, 51.5805

Rectangle

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



35.9137, 32.1724, 66.6044



41.6608, 32.1724, 40.3293



25.8004, 32.1724, 15.4472



21.6602, 32.1724, 30.2170

Sweetspot

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



35.9148, 32.1737, 66.6051



81.5660, 82.8217, 106.2949



44.4095, 52.4698, 70.0750



17.0224, 17.1740, 22.6677



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.



35.9148, 32.1737, 66.6051



48.0754, 40.8745, 99.9635



43.1621, 35.9098, 66.9443



11.9480, 12.1146, 15.6461



7.8895, 3.2197, 38.6588



0.5397, 0.2271, 2.3347

Inverse Universe

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



47.7030, 38.4192, 59.5460



68.8645, 51.9001, 87.0041



44.6622, 57.3839, 35.5117



12.8531, 12.5928, 15.1669



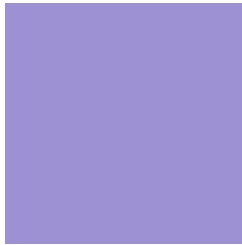
21.5141, 10.5419, 25.8089



1.3231, 0.6460, 1.6911

Previews

White Background



This preview shows how the XYZ color 35.9137, 32.1724, 66.6044 looks on a white background.

Color Contrast Check

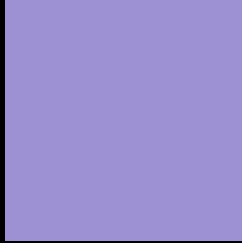
Large Text (above 18pt) WCAG AA × Fail

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 35.9137, 32.1724, 66.6044 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 35.9137, 32.1724, 66.6044

Background



This preview shows how black text looks on a background with the XYZ color 35.9137, 32.1724, 66.6044.



This preview shows how white text looks on a background with the XYZ color 35.9137, 32.1724,

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

35.9137, 32.1724, 66.6044

Protanopia

33.2639, 32.1295, 70.0941

Deuteranopia

33.1395, 32.3939, 66.1340



Tritanopia

30.6513, 32.1603, 40.6685

Trichromacy



Original Color

35.9137, 32.1724, 66.6044

Protanomaly

34.1685, 32.1520, 68.6951

Deuteranomaly

34.0069, 32.1273, 66.0369

Tritanomaly

32.3764, 32.1314, 49.2953

Monochromacy



Original Color

35.9137, 32.1724, 66.6044

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.7750, 32.6590, 45.6507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9137, 32.1724, 66.6044 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(157, 145, 212)` looks like.

```
.text, #text, p{  
    color:rgb(157, 145, 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(157, 145, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 145, 212) }
```

Border

The CSS property to change the border of an element to XYZ 35.9137, 32.1724, 66.6044 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(157, 145, 212) }
```


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

```
.border{ border-color:rgb(157, 145, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 145, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 145, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 145, 212);  
box-shadow:4px 4px 4px 4px rgb(157, 145,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9137, 32.1724, 66.6044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 145, 212) }
```

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

```
.background{ background-color: rgb(157,  
145, 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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