

Converting Colors

XYZ(35.0652, 27.7884, 61.8524)

Have a look what the booklet for
XYZ(35.0652, 27.7884, 61.8524)
contains.

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Color

**XYZ(35.1790, 27.9240,
61.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7ECE
RGB	170, 126, 206
RGB Percent	67%, 49%, 81%
CMY	0.3333, 0.5059, 0.1922
CMYK	0.17, 0.39, 0.00, 0.19
HSL	273°, 45%, 65%
HSV	273°, 39%, 81%
XYZ	35.1790, 27.9240, 61.9283
YIQ	148.2760, 0.5440, 34.2080

Conversions

Conversions Part 2

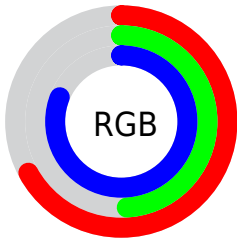
Format	Color
RYB	170, 126, 206
Decimal	11173582
CIELab	59.82, 32.18, -34.98
CIELCh	60, 47.534, 312.612
Yxy	27.9240, 0.2814, 0.2233
Android (android.graphics.Color)	4289363662 (0xFFAA7ECE)
YUV	148.2760, 28.4579, 19.0519
Hunter-Lab	52.8432, 26.3563, -32.4933

Details

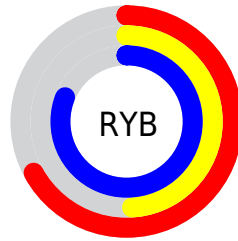
The XYZ color **35.1790, 27.9240, 61.9283** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **40.7384, 53.3311, 27.8866**, and the grayscale version is **28.1491, 29.6150, 32.2508**.

A 20% lighter version of the original color is **65.5341, 55.6290, 101.8912**, and **15.3728, 11.1163, 30.6136** is the 20% darker color. If you saturate the color by 10%, you get **30.8774, 22.1910, 61.0489**, and if you desaturate by 10%, it is **40.1662, 34.8168, 62.9963**.

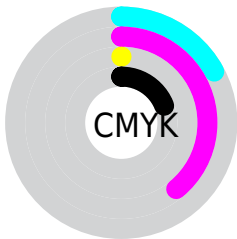
Distribution



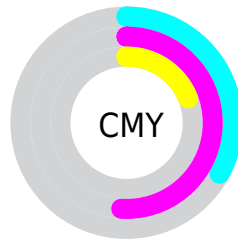
- Red (67%)
- Green (49%)
- Blue (81%)



- Red (67%)
- Yellow (49%)
- Blue (81%)



- Cyan (17%)
- Magenta (39%)
- Yellow (0%)
- Black (19%)





- Cyan (33%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1790, 27.9240, 61.9283 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 35.1790, 27.9240, 61.9283 by changing the saturation by 10% instead.


 35.1790, 27.9240,
61.9283


 35.1790, 27.9240,
61.9283


316.8519,
292.1036, 449.6699


 23.9680, 18.2684,
44.5394

 67.0952, 56.3631,
109.1925

 15.4345, 11.1428,
30.7544


 88.5310, 75.9153,
139.9048

 9.2132, 6.1630,
20.1550


 114.1058, 99.5352,
175.8953

 4.9387, 2.9444,
12.3226

144.1850,
127.6072, 217.5826

 2.2457, 1.1028,
6.8386

179.1338,
160.5156, 265.3852

 0.7667, 0.0000,
3.2844

219.3176,

 0.0000, 0.0000,

198.6449, 319.7215

1.2416

265.1019,
242.3794, 381.0103

■ 0.0000, 0.0000,
0.0132

■ 0.0000, 0.0000,
0.0000

■ 35.1790, 27.9240,
61.9283

■ 35.1790, 27.9240,
61.9283

■ 30.8774, 22.1910,
61.0489

■ 40.1662, 34.8168,
62.9963

■ 27.2221, 17.5459,
60.3450

■ 45.8696, 42.9287,
64.2615

■ 24.1738, 13.9138,
59.8046

■ 52.3212, 52.3191,
65.7340

■ 21.6872, 11.2084,
59.4134

■ 59.5502, 63.0424,
67.4228

19.7091, 9.3284,
59.1548

67.5841, 75.1497,
69.3363

18.1560, 8.1115,
59.0018

76.4490, 88.6893,
71.4825

17.9895, 7.9869,
58.9865

81.1260, 93.6201,
72.1877

84.2652, 95.2384,
72.3346

87.5662, 96.9401,
72.4891

Harmonies

Analogous

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



29.1508, 27.9240, 75.6144



35.1790, 27.9240, 61.9283



39.1976, 27.9240, 41.4319

Triad

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



35.1790, 27.9240, 61.9283



30.1543, 27.9240, 8.4659



16.7677, 27.9240, 38.2367

Complementary

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



35.1790, 27.9240, 61.9283



40.7384, 53.3311, 27.8866

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.



16.9522, 27.9240, 21.5310



35.1790, 27.9240, 61.9283



24.0917, 27.9240, 8.1646

Square

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



35.1790, 27.9240, 61.9283



36.0088, 27.9240, 13.0238



19.4470, 27.9240, 11.9447



18.8977, 27.9240, 58.8411

Rectangle

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



35.1790, 27.9240, 61.9283



39.8721, 27.9240, 28.9178



19.4470, 27.9240, 11.9447



16.5716, 27.9240, 31.9413

Sweetspot

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



35.1800, 27.9251, 61.9289



81.1675, 79.4879, 105.6724



32.6661, 34.7336, 63.3756



17.0738, 16.5770, 22.5497



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.



35.1800, 27.9251, 61.9289



50.8405, 37.0167, 99.0731



43.5759, 32.3088, 59.8172



11.1817, 11.1430, 14.1318



11.1904, 4.9764, 36.3270



0.6640, 0.3014, 1.8781

Inverse Universe

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



39.4369, 30.6532, 38.0216



59.1192, 42.3075, 53.2413



34.7057, 50.1907, 28.9789



11.4187, 11.2962, 12.7393



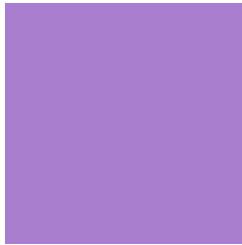
16.9294, 8.5824, 7.3471



0.9114, 0.4580, 0.5794

Previews

White Background



This preview shows how the XYZ color 35.1790, 27.9240, 61.9283 looks on a white background.

Color Contrast Check

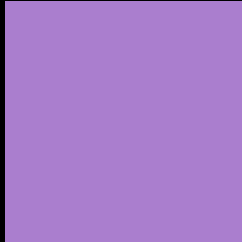
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1790, 27.9240, 61.9283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

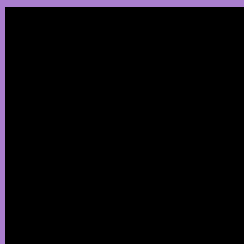
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1790, 27.9240, 61.9283

Background



This preview shows how black text looks on a background with the XYZ color 35.1790, 27.9240, 61.9283.



This preview shows how white text looks on a background with the XYZ color 35.1790, 27.9240,

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

35.1790, 27.9240, 61.9283

Protanopia

29.7953, 28.2424, 70.8988

Deuteranopia

28.9141, 28.2418, 60.4272



Tritanopia

29.2112, 27.9240, 32.2840

Trichromacy



Original Color

35.1790, 27.9240, 61.9283

Protanomaly

31.0951, 27.6976, 67.3256

Deuteranomaly

30.8292, 27.9137, 60.8897

Tritanomaly

31.0906, 27.8450, 41.7662

Monochromacy



Original Color

35.1790, 27.9240, 61.9283

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.2498, 28.6887, 41.4792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1790, 27.9240, 61.9283 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(170, 126, 206)` looks like.

```
.text, #text, p{  
    color:rgb(170, 126, 206)  
}
```

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(170, 126, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 126, 206) }
```

Border

The CSS property to change the border of an element to XYZ 35.1790, 27.9240, 61.9283 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(170, 126, 206) }
```


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

```
.border{ border-color:rgb(170, 126, 206) }
```

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

Here you see how a box with a 4 pixel rgb(170, 126, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 126, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 126, 206);  
box-shadow:4px 4px 4px 4px rgb(170, 126,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1790, 27.9240, 61.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 126, 206) }
```

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

```
.background{ background-color: rgb(170,  
126, 206) }
```

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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