

Converting Colors

XYZ(35.3668, 35.2067, 47.0693)

Have a look what the booklet for
XYZ(35.3668, 35.2067, 47.0693)
contains.

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Color

**XYZ(35.4027, 35.2208,
47.0519)**

Conversions

Conversions Part 1

Format	Color
Hex	A49DB2
RGB	164, 157, 178
RGB Percent	64%, 62%, 70%
CMY	0.3569, 0.3843, 0.3020
CMYK	0.08, 0.12, 0.00, 0.30
HSL	260°, 12%, 66%
HSV	260°, 12%, 70%
XYZ	35.4027, 35.2208, 47.0519
YIQ	161.4870, -2.5690, 8.0150

Conversions

Conversions Part 2

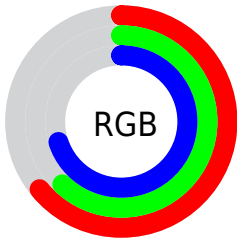
Format	Color
RYB	164, 157, 178
Decimal	10788274
CIELab	65.92, 6.65, -9.96
CIELCh	66, 11.978, 303.707
Yxy	35.2208, 0.3009, 0.2993
Android (android.graphics.Color)	4288978354 (0xFFA49DB2)
YUV	161.4870, 8.1409, 2.2039
Hunter-Lab	59.3471, 2.6243, -5.4636

Details

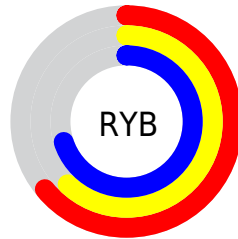
The XYZ color **35.4027, 35.2208, 47.0519** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8021, 42.9340, 38.1420**, and the grayscale version is **34.0679, 35.8421, 39.0320**.

A 20% lighter version of the original color is **67.6082, 68.0875, 87.4208**, and **15.5378, 15.2335, 21.5235** is the 20% darker color. If you saturate the color by 10%, you get **30.2720, 28.4270, 46.0115**, and if you desaturate by 10%, it is **41.2028, 43.0130, 48.2508**.

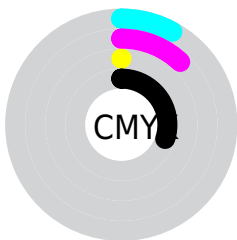
Distribution



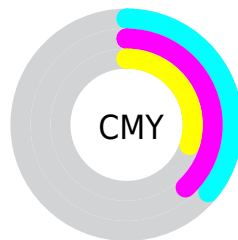
- Red (64%)
- Green (62%)
- Blue (70%)



- Red (64%)
- Yellow (62%)
- Blue (70%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4027, 35.2208, 47.0519 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 35.4027, 35.2208, 47.0519 by changing the saturation by 10% instead.

■ 35.4027, 35.2208,
47.0519

■ 35.4027, 35.2208,
47.0519

317.8192,
325.5419, 391.4214

■ 24.1412, 23.8330,
32.7220

■ 67.4391, 67.8277,
87.1419

■ 15.5637, 15.2098,
21.6442

■ 88.9447, 89.8156,
113.7391

■ 9.3048, 8.9668,
13.3999

114.5957,
116.1056, 145.2625

■ 4.9992, 4.7195,
7.5705

144.7574,
147.0822, 182.1306

■ 2.2816, 2.0836,
3.7376

179.7953,
183.1297, 224.7621

■ 0.7852, 0.6554,
1.4825

220.0747,

■ 0.0000, 0.0000,

224.6326, 273.5753

0.2049

265.9609,
271.9751, 328.9889

■ 0.0000, 0.0000,
0.0000

■ 35.4027, 35.2208,
47.0519

■ 35.4027, 35.2208,
47.0519

■ 30.2720, 28.4270,
46.0115

■ 41.2028, 43.0130,
48.2508

■ 25.7825, 22.5860,
45.1207

■ 47.6929, 51.8375,
49.6120

■ 21.9085, 17.6555,
44.3732

■ 54.8966, 61.7325,
51.1423

■ 18.6212, 13.5880,
43.7614

■ 62.8354, 72.7325,
52.8471

■ 15.8893, 10.3318,
43.2769

■ 71.5298, 84.8708,
54.7318

■ 13.6786, 7.8294,
42.9104

■ 78.1261, 92.4322,
55.8436

■ 11.9504, 6.0153,
42.6513

■ 82.1810, 94.5226,
56.0334

■ 10.6596, 4.8123,
42.4871

■ 85.0360, 95.9944,
56.1670

■ 9.8587, 4.1541,
42.4023

Harmonies

Analogous

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



33.6971, 35.2208, 48.9329



35.4027, 35.2208, 47.0519



36.6244, 35.2208, 42.8356

Triad

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



35.4027, 35.2208, 47.0519



35.0081, 35.2208, 30.2504



30.1905, 35.2208, 38.9838

Complementary

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



35.4027, 35.2208, 47.0519



38.8021, 42.9340, 38.1420

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.



30.5140, 35.2208, 34.1880



35.4027, 35.2208, 47.0519



33.2565, 35.2208, 29.4139

Square

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



35.4027, 35.2208, 47.0519



36.3910, 35.2208, 33.1858



31.6211, 35.2208, 30.7922



30.7215, 35.2208, 44.0227

Rectangle

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



35.4027, 35.2208, 47.0519



36.9780, 35.2208, 39.4288



31.6211, 35.2208, 30.7922



30.2030, 35.2208, 37.2900

Sweetspot

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



35.4037, 35.2223, 47.0527



72.2189, 74.6268, 86.9793



36.5708, 39.6418, 47.8442



15.8209, 16.2921, 19.2331



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.4037, 35.2223, 47.0527



61.8153, 60.6944, 84.8383



37.5830, 36.3457, 47.1547



8.3000, 8.3632, 10.6831



7.1145, 3.0034, 30.3417



0.2873, 0.1272, 0.9576

Inverse Universe

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



37.7690, 36.5207, 43.5884



66.9291, 63.5030, 77.2924



36.6751, 41.8375, 38.0424



8.7272, 8.5976, 10.0620



15.5357, 7.7318, 13.2467



0.5145, 0.2536, 0.5522

Previews

White Background



This preview shows how the XYZ color 35.4027, 35.2208, 47.0519 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 35.4027, 35.2208, 47.0519 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 35.4027, 35.2208, 47.0519

Background



This preview shows how black text looks on a background with the XYZ color 35.4027, 35.2208, 47.0519.



This preview shows how white text looks on a background with the XYZ color 35.4027, 35.2208,

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

35.4027, 35.2208, 47.0519

Protanopia

34.4394, 35.2190, 47.6306

Deuteranopia

35.8607, 35.2068, 47.0250



Tritanopia

34.6818, 35.1805, 43.4907

Trichromacy



Original Color

35.4027, 35.2208, 47.0519

Protanomaly

34.8607, 35.1820, 47.6013

Deuteranomaly

35.6502, 35.0983, 47.0152

Tritanomaly

34.9711, 35.2962, 45.0141

Monochromacy



Original Color

35.4027, 35.2208, 47.0519

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4461, 35.6130, 41.6177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4027, 35.2208, 47.0519 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(164, 157, 178)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 178)  
}
```

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(164, 157, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 178) }
```

Border

The CSS property to change the border of an element to XYZ 35.4027, 35.2208, 47.0519 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(164, 157, 178) }
```


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

```
.border{ border-color:rgb(164, 157, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 178);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4027, 35.2208, 47.0519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 178) }
```

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

```
.background{ background-color: rgb(164,  
157, 178) }
```

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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