

Converting Colors

XYZ(35.3002, 35.5591, 47.1013)

Have a look what the booklet for
XYZ(35.3002, 35.5591, 47.1013)
contains.

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Color

**XYZ(35.3343, 35.6920,
47.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	A29FB2
RGB	162, 159, 178
RGB Percent	64%, 62%, 70%
CMY	0.3647, 0.3765, 0.3020
CMYK	0.09, 0.11, 0.00, 0.30
HSL	249°, 11%, 66%
HSV	249°, 11%, 70%
XYZ	35.3343, 35.6920, 47.1464
YIQ	162.0630, -4.3110, 6.5450

Conversions

Conversions Part 2

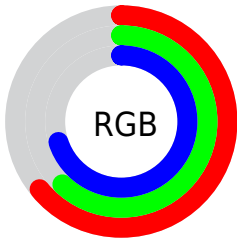
Format	Color
RYB	162, 159, 178
Decimal	10657714
CIELab	66.28, 4.85, -9.44
CIELCh	66, 10.610, 297.186
Yxy	35.6920, 0.2990, 0.3020
Android (android.graphics.Color)	4288847794 (0xFFA29FB2)
YUV	162.0630, 7.8569, -0.0553
Hunter-Lab	59.7428, 1.0223, -4.9691

Details

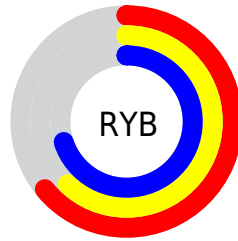
The XYZ color **35.3343, 35.6920, 47.1464** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8589, 43.4589, 39.0902**, and the grayscale version is **34.3388, 36.1271, 39.3424**.

A 20% lighter version of the original color is **67.5131, 68.7854, 87.5605**, and **15.4946, 15.5208, 21.5812** is the 20% darker color. If you saturate the color by 10%, you get **29.6254, 28.5283, 46.0651**, and if you desaturate by 10%, it is **41.8492, 43.9275, 48.3932**.

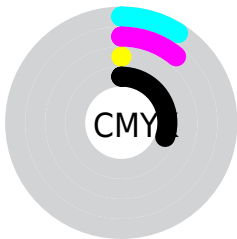
Distribution



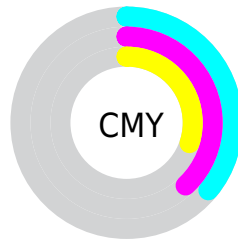
- Red (64%)
- Green (62%)
- Blue (70%)



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



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3343, 35.6920, 47.1464 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 35.3343, 35.6920, 47.1464 by changing the saturation by 10% instead.

■ 35.3343, 35.6920,
47.1464

■ 35.3343, 35.6920,
47.1464

317.5237,
327.6123, 391.8093

■ 24.0882, 24.1964,
32.7962

■ 67.3339, 68.5564,
87.2844

■ 15.5242, 15.4794,
21.7006

■ 88.8182, 90.6940,
113.9093

■ 9.2768, 9.1565,
13.4408

114.4459,
117.1478, 145.4628

■ 4.9807, 4.8434,
7.5985

144.5825,
148.3021, 182.3636

■ 2.2706, 2.1557,
3.7551

179.5932,
184.5413, 225.0300

■ 0.7796, 0.6957,
1.4920

219.8433,

■ 0.0000, 0.0000,

226.2498, 273.8808

0.2119

265.6984,
273.8120, 329.3343

■ 0.0000, 0.0000,
0.0000

■ 35.3343, 35.6920,
47.1464

■ 35.3343, 35.6920,
47.1464

■ 29.6254, 28.5283,
46.0651

■ 41.8492, 43.9275,
48.3932

■ 24.6878, 22.3877,
45.1401

■ 49.1967, 53.2718,
49.8096

■ 20.4891, 17.2247,
44.3648

■ 57.4059, 63.7655,
51.4024

■ 16.9932, 12.9885,
43.7314

■ 66.5037, 75.4461,
53.1775

■ 14.1610, 9.6235,
43.2312

■ 76.5158, 88.3492,
55.1403

■ 11.9495, 7.0683,
42.8545

■ 83.9226, 95.4204,
56.1148

■ 10.3105, 5.2533,
42.5906

■ 85.0360, 95.9944,
56.1669

■ 9.1881, 4.0968,
42.4265

■ 8.5173, 3.4625,
42.3394

Harmonies

Analogous

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



33.7749, 35.6920, 48.2384



35.3343, 35.6920, 47.1464



36.5479, 35.6920, 43.7820

Triad

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



35.3343, 35.6920, 47.1464



35.6010, 35.6920, 31.9852



30.9732, 35.6920, 38.4360

Complementary

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



35.3343, 35.6920, 47.1464



39.8589, 43.4589, 39.0902

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.



31.4292, 35.6920, 34.3261



35.3343, 35.6920, 47.1464



34.0739, 35.6920, 30.7878

Square

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



35.3343, 35.6920, 47.1464



36.7052, 35.6920, 35.0133



32.5521, 35.6920, 31.6107



31.2873, 35.6920, 42.9840

Rectangle

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



35.3343, 35.6920, 47.1464



36.9804, 35.6920, 40.8287



32.5521, 35.6920, 31.6107



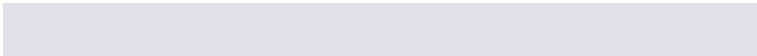
31.0411, 35.6920, 36.9605

Sweetspot

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



35.3354, 35.6935, 47.1472



72.9444, 75.9263, 87.1918



37.6943, 41.3046, 48.1059



15.9450, 16.5483, 19.2760



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.



35.3354, 35.6935, 47.1472



61.2985, 61.2296, 84.9689



37.3061, 36.7095, 47.2394



8.1627, 8.2924, 10.6767



6.1299, 2.4959, 30.2957



0.2313, 0.0983, 0.9550

Inverse Universe

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



38.4973, 37.3580, 45.7410



68.2933, 64.9127, 81.8129



37.8321, 42.4141, 38.9954



8.7913, 8.6232, 10.3993



17.0898, 8.3535, 21.4309



0.5532, 0.2690, 0.7556

Previews

White Background



This preview shows how the XYZ color 35.3343, 35.6920, 47.1464 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 35.3343, 35.6920, 47.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

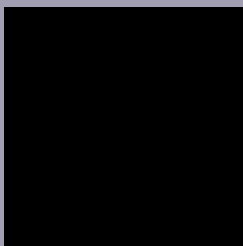
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

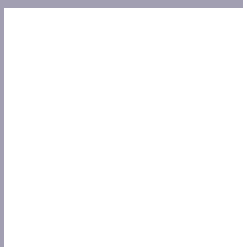
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3343, 35.6920, 47.1464

Background



This preview shows how black text looks on a background with the XYZ color 35.3343, 35.6920, 47.1464.



This preview shows how white text looks on a background with the XYZ color 35.3343, 35.6920,

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

35.3343, 35.6920, 47.1464

Protanopia

35.0056, 35.7672, 47.7066

Deuteranopia

36.4550, 35.7633, 47.1011



Tritanopia

34.8116, 35.7358, 44.5981

Trichromacy



Original Color

35.3343, 35.6920, 47.1464

Protanomaly

35.2047, 35.8699, 47.7159

Deuteranomaly

35.9886, 35.7751, 47.1280

Tritanomaly

35.0066, 35.8138, 45.6252

Monochromacy



Original Color

35.3343, 35.6920, 47.1464

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.7130, 35.9983, 42.1646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3343, 35.6920, 47.1464 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(162, 159, 178)` looks like.

```
.text, #text, p{  
    color:rgb(162, 159, 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(162, 159, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 159, 178) }
```

Border

The CSS property to change the border of an element to XYZ 35.3343, 35.6920, 47.1464 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(162, 159, 178) }
```


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

```
.border{ border-color:rgb(162, 159, 178) }
```

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

Here you see how a box with a 4 pixel rgb(162, 159, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 159, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 159, 178);  
box-shadow:4px 4px 4px 4px rgb(162, 159,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3343, 35.6920, 47.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 159, 178) }
```

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

```
.background{ background-color: rgb(162,  
159, 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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