

Converting Colors

XYZ(47.9395, 71.7454, 36.1325)

Have a look what the booklet for
XYZ(47.9395, 71.7454, 36.1325)
contains.

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Color

**XYZ(47.9395, 71.7454,
36.1325)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF38C
RGB	142, 243, 140
RGB Percent	56%, 95%, 55%
CMY	0.4431, 0.0470, 0.4510
CMYK	0.42, 0.00, 0.42, 0.05
HSL	119°, 81%, 75%
HSV	119°, 42%, 95%
XYZ	47.9395, 71.7454, 36.1325
YIQ	201.0590, -27.1330, -53.4450

Conversions

Conversions Part 2

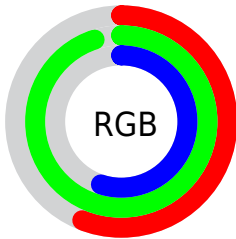
Format	Color
RYB	140, 243, 241
Decimal	9368460
CIELab	87.85, -49.61, 40.58
CIELCh	88, 64.090, 140.717
Yxy	71.7454, 0.3077, 0.4604
Android (android.graphics.Color)	4287558540 (0xFF8EF38C)
YUV	201.0590, -30.1021, -51.7947
Hunter-Lab	84.7027, -47.2033, 33.9999

Details

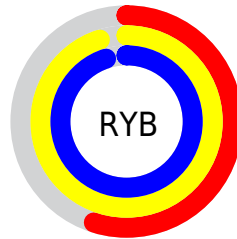
The XYZ color **47.9395, 71.7454, 36.1325** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **61.8349, 43.9303, 90.0182**, and the grayscale version is **55.7483, 58.6515, 63.8715**.

A 20% lighter version of the original color is **69.4297, 87.7395, 64.9058**, and **23.0667, 37.7537, 15.3040** is the 20% darker color. If you saturate the color by 10%, you get **42.6816, 69.2217, 27.5439**, and if you desaturate by 10%, it is **54.4705, 74.8840, 46.8489**.

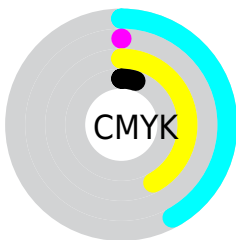
Distribution



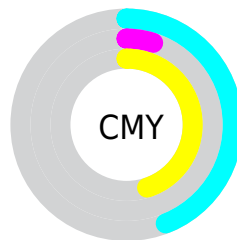
- Red (56%)
- Green (95%)
- Blue (55%)



- Red (55%)
- Yellow (95%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (5%)



- Cyan (44%)
- Magenta (5%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9395, 71.7454, 36.1325 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 47.9395, 71.7454, 36.1325 by changing the saturation by 10% instead.

47.9395, 71.7454,
36.1325

47.9395, 71.7454,
36.1325

369.1389,
466.6549, 344.5942

33.9900, 52.9507,
24.2460

86.3246, 121.6945,
70.4079

23.0488, 37.7634,
15.3023

111.4909,
153.6177, 93.6339

14.7504, 25.7991,
8.8829

141.1268,
190.6859, 121.4768

8.7296, 16.6734,
4.5691

175.5978,
233.2834, 154.3552

4.6209, 10.0019,
1.9425

215.2691,
281.7947, 192.6876

2.0591, 5.4002,
0.5196

260.5062,

0.6668, 2.4840,

336.6041, 236.8925

0.0000

311.6743,
398.0960, 287.3886

0.0000, 0.8686,
0.0000

0.0000, 0.0000,
0.0000

47.9395, 71.7454,
36.1325

47.9395, 71.7454,
36.1325

42.6816, 69.2217,
27.5439

54.4705, 74.8840,
46.8489

38.6090, 67.2642,
20.9370

62.3445, 78.6643,
59.8167

35.6312, 65.8318,
16.1550

71.6325, 83.1225,
75.1559

33.6422, 64.8739,
13.0152

82.3991, 88.2896,
92.9764

■ 32.5154, 64.3298,
11.2971

■ 91.3420, 92.5840,
107.6640

■ 32.1110, 64.1345,
10.6868

Harmonies

Analogous

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



58.3461, 71.7454, 22.9929



47.9395, 71.7454, 36.1325



43.1766, 71.7454, 65.3521

Triad

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



47.9395, 71.7454, 36.1325



63.5749, 71.7454, 193.5986



99.4223, 71.7454, 52.0425

Complementary

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



47.9395, 71.7454, 36.1325



61.8349, 43.9303, 90.0182

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.



101.3768, 71.7454, 92.4479



47.9395, 71.7454, 36.1325



79.0872, 71.7454, 185.7852

Square

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



47.9395, 71.7454, 36.1325



51.2763, 71.7454, 162.7016



93.4695, 71.7454, 144.1804



88.4700, 71.7454, 29.5158

Rectangle

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



47.9395, 71.7454, 36.1325



43.2704, 71.7454, 94.7789



93.4695, 71.7454, 144.1804



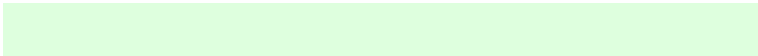
101.2112, 71.7454, 63.5348

Sweetspot

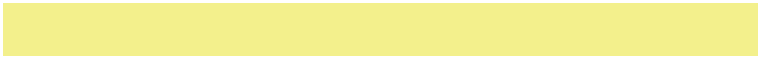
The Sweet Spot groups the original color and five complimentary colors.



47.9413, 71.7484, 36.1341



79.2001, 92.3934, 82.6613



72.7317, 83.0172, 37.0026



16.4364, 19.5285, 16.8406



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.



47.9413, 71.7484, 36.1341



48.2814, 77.5478, 31.8088



51.9524, 73.3136, 59.0295



16.3119, 18.4873, 17.5062



17.6357, 35.2043, 5.8656



1.5603, 3.0994, 0.5160

Inverse Universe

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



61.8349, 43.9303, 90.0182



65.6953, 42.6593, 99.3793



56.1855, 41.7498, 56.6898



17.1800, 16.7510, 20.8703



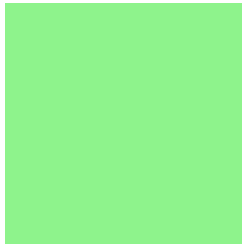
28.2979, 13.5624, 47.6644



2.4971, 1.1971, 4.1897

Previews

White Background



This preview shows how the XYZ color 47.9395, 71.7454, 36.1325 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 47.9395, 71.7454, 36.1325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

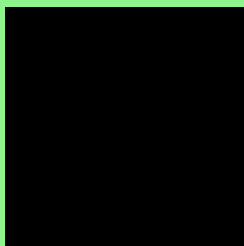
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

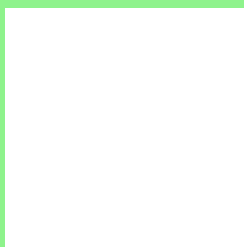
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9395, 71.7454, 36.1325

Background



This preview shows how black text looks on a background with the XYZ color 47.9395, 71.7454, 36.1325.



This preview shows how white text looks on a background with the XYZ color 47.9395, 71.7454,

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

47.9395, 71.7454, 36.1325

Protanopia

65.3634, 70.8270, 31.6987

Deuteranopia

71.2351, 70.5289, 44.9809



Tritanopia

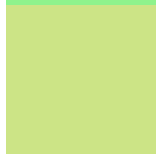
60.7055, 71.3257, 100.1902

Trichromacy



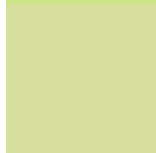
Original Color

47.9395, 71.7454, 36.1325



Protanomaly

56.9483, 70.0454, 33.0729



Deuteranomaly

60.0356, 69.4381, 41.2490



Tritanomaly

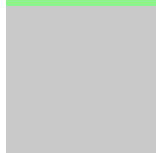
54.9273, 71.0880, 71.1480

Monochromacy



Original Color

47.9395, 71.7454, 36.1325



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

51.5149, 62.0697, 51.9134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9395, 71.7454, 36.1325 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(142, 243, 140)` looks like.

```
.text, #text, p{  
    color:rgb(142, 243, 140)  
}
```

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(142, 243, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 243, 140) }
```

Border

The CSS property to change the border of an element to XYZ 47.9395, 71.7454, 36.1325 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(142, 243, 140) }
```


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

```
.border{ border-color:rgb(142, 243, 140) }
```

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

Here you see how a box with a 4 pixel rgb(142, 243, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 243, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 243, 140);  
box-shadow:4px 4px 4px 4px rgb(142, 243,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9395, 71.7454, 36.1325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 243, 140) }
```

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

```
.background{ background-color: rgb(142,  
243, 140) }
```

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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