

Converting Colors

XYZ(35.8264, 47.8652, 33.8224)

Have a look what the booklet for
XYZ(35.8264, 47.8652, 33.8224)
contains.

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Color

**XYZ(35.8756, 47.8908,
33.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC690
RGB	139, 198, 144
RGB Percent	55%, 78%, 56%
CMY	0.4549, 0.2235, 0.4353
CMYK	0.30, 0.00, 0.27, 0.22
HSL	125°, 34%, 66%
HSV	125°, 30%, 78%
XYZ	35.8756, 47.8908, 33.7386
YIQ	174.2030, -17.8300, -29.3020

Conversions

Conversions Part 2

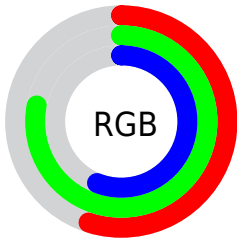
Format	Color
RYB	139, 193, 198
Decimal	9160336
CIELab	74.76, -29.84, 21.14
CIELCh	75, 36.571, 144.690
Yxy	47.8908, 0.3053, 0.4076
Android (android.graphics.Color)	4287350416 (0xFF8BC690)
YUV	174.2030, -14.8901, -30.8730
Hunter-Lab	69.2032, -28.5694, 19.5366

Details

The XYZ color **35.8756, 47.8908, 33.7386** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.1486, 34.3222, 54.8573**, and the grayscale version is **40.4182, 42.5231, 46.3077**.

A 20% lighter version of the original color is **68.2012, 87.0666, 66.6370**, and **15.8795, 22.7631, 13.9127** is the 20% darker color. If you saturate the color by 10%, you get **31.5885, 45.8295, 26.8791**, and if you desaturate by 10%, it is **40.9864, 50.3538, 41.7993**.

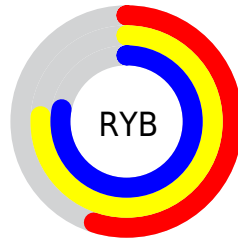
Distribution



Red (55%)

Green (78%)

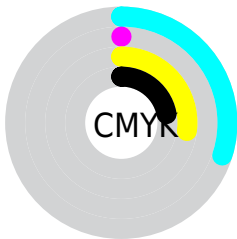
Blue (56%)



Red (55%)

Yellow (76%)

Blue (78%)

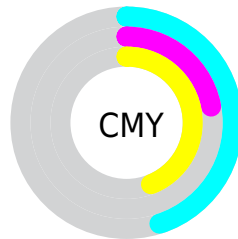


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (22%)



Cyan (45%)


Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8756, 47.8908, 33.7386 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 35.8756, 47.8908, 33.7386 by changing the saturation by 10% instead.

 35.8756, 47.8908,
33.7386


 35.8756, 47.8908,
33.7386


319.8572,
378.3591, 333.6984


 24.5078, 33.7404,
22.4171

 68.1651, 87.0418,
66.6562

 15.8375, 22.6943,
13.9625


 89.8176, 112.8112,
89.0894

 9.4994, 14.3679,
7.9561


 115.6290,
143.2224, 116.0636

 5.1280, 8.3770,
3.9795

145.9646,
178.6598, 147.9973

 2.3581, 4.3371,
1.6141

181.1899,
219.5078, 185.3092

 0.8241, 1.8639,
0.3009

221.6702,

 0.0000, 0.5265,

266.1507, 228.4176

0.0000

267.7709,
318.9730, 277.7411

■ 0.0000, 0.0000,
0.0000

■ 35.8756, 47.8908,
33.7386

■ 35.8756, 47.8908,
33.7386

■ 31.5885, 45.8295,
26.8791

■ 40.9864, 50.3538,
41.7993

■ 28.0783, 44.1429,
21.1604

■ 46.9569, 53.2318,
51.1115

■ 25.2996, 42.8102,
16.5215


■ 53.8255, 56.5448,
61.7265


■ 23.2003, 41.8061,
12.8946


■ 61.6273, 60.3101,
73.6917

■ 21.7217, 41.1018,
10.2041


■ 70.3955, 64.5436,
87.0522

 20.7950, 40.6639,
8.3640

 79.1225, 68.7251,
101.8024

 20.3024, 40.4336,
7.2708

 79.4850, 68.8701,
103.7117

 20.2945, 40.4299,
7.2556

Harmonies

Analogous

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



40.3917, 47.8908, 25.4806



35.8756, 47.8908, 33.7386



33.9539, 47.8908, 48.8340

Triad

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



35.8756, 47.8908, 33.7386



44.3475, 47.8908, 97.6786



58.1311, 47.8908, 38.3153

Complementary

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



35.8756, 47.8908, 33.7386



42.1486, 34.3222, 54.8573

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.



59.4502, 47.8908, 55.6022



35.8756, 47.8908, 33.7386



51.0623, 47.8908, 92.9175

Square

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



35.8756, 47.8908, 33.7386



38.5314, 47.8908, 88.0325



56.7514, 47.8908, 76.2608



53.3036, 47.8908, 27.6379

Rectangle

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



35.8756, 47.8908, 33.7386



34.2529, 47.8908, 61.9769



56.7514, 47.8908, 76.2608



59.0181, 47.8908, 43.4120

Sweetspot

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



35.8769, 47.8928, 33.7397



83.9055, 94.6244, 91.6803



46.8699, 53.6031, 32.3026



17.6006, 20.0806, 19.0667



0.0000, 0.0000, 0.0000



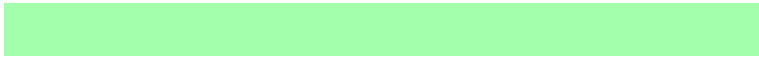
20.3446, 21.4041, 23.3091

Same Dimension

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



35.8769, 47.8928, 33.7397



58.2541, 82.2672, 51.3273



38.4262, 48.9125, 47.1641



10.5334, 11.9022, 11.4929



13.2109, 26.2967, 4.7890



0.6384, 1.2503, 0.2946

Inverse Universe

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



42.1486, 34.3222, 54.8573



71.1951, 54.2544, 94.8929



39.1860, 33.1372, 39.2569



11.0428, 10.8005, 13.2088



20.5995, 9.9893, 29.4303



0.9871, 0.4777, 1.4552

Previews

White Background



This preview shows how the XYZ color 35.8756, 47.8908, 33.7386 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 35.8756, 47.8908, 33.7386 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 35.8756, 47.8908, 33.7386

Background



This preview shows how black text looks on a background with the XYZ color 35.8756, 47.8908, 33.7386.



This preview shows how white text looks on a background with the XYZ color 35.8756, 47.8908,

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

35.8756, 47.8908, 33.7386

Protanopia

44.2138, 47.4089, 30.4874

Deuteranopia

48.3907, 47.3667, 35.0260



Tritanopia

42.0106, 47.7187, 64.7540

Trichromacy



Original Color

35.8756, 47.8908, 33.7386

Protanomaly

40.3960, 46.9738, 31.7487

Deuteranomaly

42.6566, 46.8267, 34.3940

Tritanomaly

39.4713, 47.6698, 51.9206

Monochromacy



Original Color

35.8756, 47.8908, 33.7386

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.2423, 44.0884, 41.1447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8756, 47.8908, 33.7386 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(139, 198, 144)` looks like.

```
.text, #text, p{  
    color:rgb(139, 198, 144)  
}
```

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(139, 198, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 198, 144) }
```

Border

The CSS property to change the border of an element to XYZ 35.8756, 47.8908, 33.7386 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(139, 198, 144) }
```


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

```
.border{ border-color:rgb(139, 198, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 198, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 198, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 198, 144);  
box-shadow:4px 4px 4px 4px rgb(139, 198,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8756, 47.8908, 33.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 198, 144) }
```

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

```
.background{ background-color: rgb(139,  
198, 144) }
```

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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