

Converting Colors

XYZ(53.3920, 47.1750, 42.2484)

Have a look what the booklet for
XYZ(53.3920, 47.1750, 42.2484)
contains.

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Color

**XYZ(53.3348, 47.2136,
42.3785)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A7A6
RGB	230, 167, 166
RGB Percent	90%, 65%, 65%
CMY	0.0980, 0.3451, 0.3490
CMYK	0.00, 0.27, 0.28, 0.10
HSL	1°, 56%, 78%
HSV	1°, 28%, 90%
XYZ	53.3348, 47.2136, 42.3785
YIQ	185.7230, 37.8690, 13.0450

Conversions

Conversions Part 2

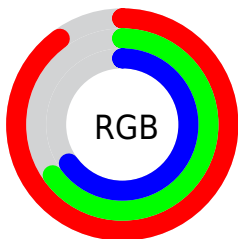
Format	Color
R _{YB}	230, 167, 166
Decimal	15116198
CIE Lab	74.33, 23.07, 9.71
CIE LCh	74, 25.032, 22.826
Yxy	47.2136, 0.3732, 0.3303
Android (android.graphics.Color)	4293306278 (0xFFE6A7A6)
YUV	185.7230, -9.7234, 38.8309
Hunter-Lab	68.7122, 18.3065, 11.5312

Details

The XYZ color **53.3348, 47.2136, 42.3785** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.0273, 69.8567, 85.2885**, and the grayscale version is **46.5561, 48.9806, 53.3399**.

A 20% lighter version of the original color is **80.4124, 78.7230, 79.3635**, and **26.4016, 22.3606, 18.8441** is the 20% darker color. If you saturate the color by 10%, you get **47.6202, 38.8641, 30.9787**, and if you desaturate by 10%, it is **60.1553, 57.1705, 56.0093**.

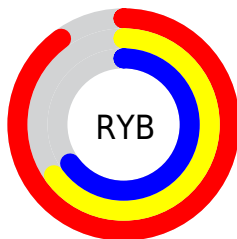
Distribution



Red (90%)

Green (65%)

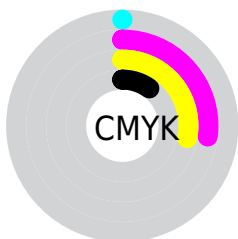
Blue (65%)



Red (90%)

Yellow (65%)

Blue (65%)

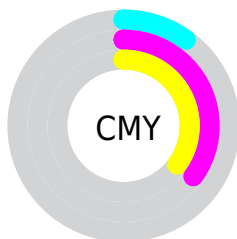


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (10%)



Cyan (10%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3348, 47.2136, 42.3785 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 53.3348, 47.2136, 42.3785 by changing the saturation by 10% instead.


 53.3348, 47.2136,
42.3785


 53.3348, 47.2136,
42.3785


389.8082,
375.6665, 371.8954

 38.2987, 33.2045,
29.0700


 94.2595, 86.0324,
80.0484

 26.3928, 22.2832,
18.8877


 120.8787,
111.6109, 105.2469

 17.2520, 14.0651,
11.4132


152.0897,
141.8147, 135.2458

 10.5107, 8.1660,
6.2278

188.2578,
177.0281, 170.4637

 5.8037, 4.2013,
2.9131

229.7483,
217.6356, 211.3190

 2.7656, 1.7868,
1.0504

276.9266,

 1.0311, 0.4789,

264.0216, 258.2304

0.0000

330.1581,
316.5704, 311.6163

■ 0.0000, 0.0000,
0.0000

■ 53.3348, 47.2136,
42.3785

■ 53.3348, 47.2136,
42.3785

■ 47.6202, 38.8641,
30.9787

■ 60.1553, 57.1705,
56.0093

■ 42.9496, 32.0314,
21.6887

■ 68.1316, 68.8056,
71.9781

■ 39.2612, 26.6266,
14.3797

■ 77.3151, 82.1938,
90.3884

■ 36.4848, 22.5485,
8.9081

■ 86.4432, 95.5631,
108.4972

■ 34.5412, 19.6828,
5.1107

■ 33.3373, 17.8959,
2.7958

■ 32.7533, 17.0192,
1.7024

■ 32.6724, 16.9014,
1.5403

Harmonies

Analogous

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



54.0222, 47.2136, 54.5659



53.3348, 47.2136, 42.3785



50.3109, 47.2136, 34.0777

Triad

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



53.3348, 47.2136, 42.3785



38.3257, 47.2136, 37.8370



43.8028, 47.2136, 80.1327

Complementary

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



53.3348, 47.2136, 42.3785



58.0273, 69.8567, 85.2885

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.



39.8457, 47.2136, 73.7967



53.3348, 47.2136, 42.3785



36.8236, 47.2136, 48.3736

Square

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



53.3348, 47.2136, 42.3785



41.6005, 47.2136, 31.7779



37.3609, 47.2136, 61.6359



48.3173, 47.2136, 77.8067

Rectangle

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



53.3348, 47.2136, 42.3785



47.4797, 47.2136, 31.1751



37.3609, 47.2136, 61.6359



42.3676, 47.2136, 78.9139

Sweetspot

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



53.3361, 47.2158, 42.3795



85.8631, 86.6060, 90.4858



60.5527, 49.8091, 81.2858



18.0322, 18.0327, 18.6746



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.



53.3361, 47.2158, 42.3795



63.3614, 53.7646, 45.4913



59.7106, 59.9648, 44.5043



14.3950, 14.4040, 14.9260



18.5055, 9.5851, 0.8748



1.3739, 0.7212, 0.0668

Inverse Universe

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



58.0273, 69.8567, 85.2885



70.1520, 86.5413, 107.6145



50.2034, 54.2089, 82.6805



14.7871, 16.2955, 18.5103



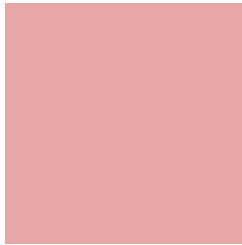
23.5525, 34.1670, 47.7367



1.7467, 2.5373, 3.5297

Previews

White Background



This preview shows how the XYZ color 53.3348, 47.2136, 42.3785 looks on a white background.

Color Contrast Check

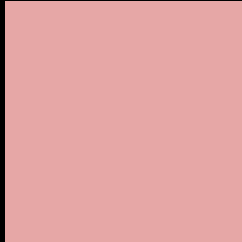
Large Text (above 18pt) WCAG AA × Fail

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 53.3348, 47.2136, 42.3785 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 53.3348, 47.2136, 42.3785

Background



This preview shows how black text looks on a background with the XYZ color 53.3348, 47.2136, 42.3785.



This preview shows how white text looks on a background with the XYZ color 53.3348, 47.2136,

42.3785.

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

53.3348, 47.2136, 42.3785

Protanopia

45.1070, 47.2033, 46.7781

Deuteranopia

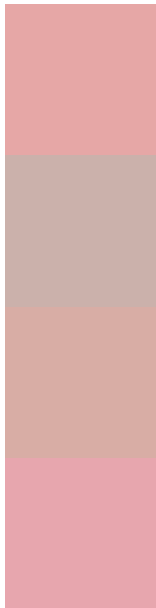
48.4354, 47.5345, 41.7442



Tritanopia

54.4460, 47.1135, 48.3437

Trichromacy



Original Color

53.3348, 47.2136, 42.3785

Protanomaly

47.7014, 47.0811, 45.1015

Deuteranomaly

50.0540, 47.2027, 42.0702

Tritanomaly

54.2312, 47.3174, 46.3193

Monochromacy



Original Color

53.3348, 47.2136, 42.3785

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.6139, 48.0514, 49.3604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3348, 47.2136, 42.3785 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(230, 167, 166)` looks like.

```
.text, #text, p{  
    color:rgb(230, 167, 166)  
}
```

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(230, 167, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 167, 166) }
```

Border

The CSS property to change the border of an element to XYZ 53.3348, 47.2136, 42.3785 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(230, 167, 166) }
```


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

```
.border{ border-color:rgb(230, 167, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 167, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 167, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 167, 166);  
box-shadow:4px 4px 4px 4px rgb(230, 167,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3348, 47.2136, 42.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 167, 166) }
```

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

```
.background{ background-color: rgb(230,  
167, 166) }
```

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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