

Converting Colors

XYZ(53.4363, 45.1266, 52.7560)

Have a look what the booklet for
XYZ(53.4363, 45.1266, 52.7560)
contains.

XYZ(53.5354, 45.2234, 52.9211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.5354, 45.2234,
52.9211)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A0BB
RGB	228, 160, 187
RGB Percent	89%, 63%, 73%
CMY	0.1059, 0.3725, 0.2667
CMYK	0.00, 0.30, 0.18, 0.11
HSL	336°, 56%, 76%
HSV	336°, 30%, 89%
XYZ	53.5354, 45.2234, 52.9211
YIQ	183.4100, 31.8610, 22.8130

Conversions

Conversions Part 2

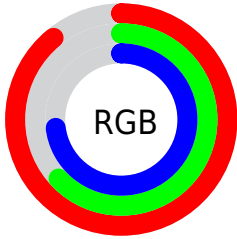
Format	Color
R _Y B	228, 160, 187
Decimal	14983355
CIE Lab	73.04, 29.14, -3.73
CIE LCh	73, 29.375, 352.698
Yxy	45.2234, 0.3529, 0.2982
Android (android.graphics.Color)	4293173435 (0xFFE4A0BB)
YUV	183.4100, 1.7699, 39.1054
Hunter-Lab	67.2483, 24.4166, 0.4156

Details

The XYZ color **53.5354, 45.2234, 52.9211** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7851, 67.1787, 65.4462**, and the grayscale version is **45.2142, 47.5689, 51.8025**.

A 20% lighter version of the original color is **81.7181, 76.3319, 95.2205**, and **26.4602, 21.1043, 25.2332** is the 20% darker color. If you saturate the color by 10%, you get **48.5374, 37.4708, 44.3381**, and if you desaturate by 10%, it is **59.4017, 54.4861, 62.4898**.

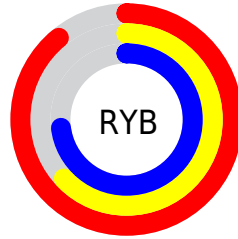
Distribution



Red (89%)

Green (63%)

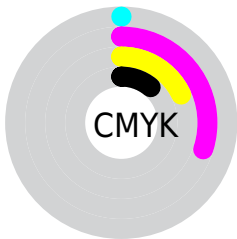
Blue (73%)



Red (89%)

Yellow (63%)

Blue (73%)

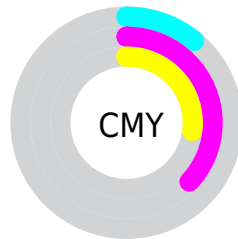


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5354, 45.2234, 52.9211 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 53.5354, 45.2234, 52.9211 by changing the saturation by 10% instead.

 53.5354, 45.2234,
52.9211


 53.5354, 45.2234,
52.9211


390.5632,
367.6776, 415.0400

 38.4595, 31.6334,
37.3525

 94.5526, 83.0555,
95.9286

 26.5184, 21.0817,
25.1826


 121.2247,
108.0665, 124.2046

 17.3466, 13.1837,
15.9929


152.4929,
137.6533, 157.5535

 10.5787, 7.5552,
9.3648

188.7226,
172.2002, 196.3938

 5.8495, 3.8117,
4.8799

230.2791,
212.0917, 241.1441

 2.7936, 1.5688,
2.1194

277.5278,

 1.0456, 0.3364,

257.7122, 292.2228

0.6273

330.8341,
309.4460, 350.0487

■ 0.0000, 0.0000,
0.0000

■ 53.5354, 45.2234,
52.9211

■ 53.5354, 45.2234,
52.9211

■ 48.5374, 37.4708,
44.3381

■ 59.4017, 54.4861,
62.4898

■ 44.3603, 31.1411,
36.7040

■ 66.1728, 65.3275,
73.0734

■ 40.9577, 26.1479,
29.9836

■ 73.8879, 77.8194,
84.7035

■ 38.2768, 22.3926,
24.1379

■ 82.5826, 92.0274,
97.4093

■ 36.2580, 19.7627,
19.1247

■ 85.8052, 95.2341,
108.4674

■ 34.8305, 18.1250,
14.8966

■ 33.8778, 17.2542,
11.3894

■ 33.8630, 17.2412,
11.3328

Harmonies

Analogous

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



51.3223, 45.2234, 68.4336



53.5354, 45.2234, 52.9211



52.7470, 45.2234, 39.1186

Triad

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



53.5354, 45.2234, 52.9211



39.2863, 45.2234, 27.4958



37.2754, 45.2234, 75.3216

Complementary

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



53.5354, 45.2234, 52.9211



52.7851, 67.1787, 65.4462

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.



34.5058, 45.2234, 60.9734



53.5354, 45.2234, 52.9211



35.6007, 45.2234, 34.0203

Square

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



53.5354, 45.2234, 52.9211



44.2501, 45.2234, 26.1880



33.9181, 45.2234, 45.7348



41.7413, 45.2234, 82.9362

Rectangle

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



53.5354, 45.2234, 52.9211



50.6529, 45.2234, 32.4516



33.9181, 45.2234, 45.7348



36.1302, 45.2234, 71.0043

Sweetspot

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



53.5367, 45.2255, 52.9220



86.0120, 85.3619, 95.2889



50.6098, 43.1351, 79.0580



18.1177, 17.8000, 19.9472



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.



53.5367, 45.2255, 52.9220



64.7568, 51.6791, 60.9893



52.1238, 46.5984, 39.5073



14.6128, 14.4623, 16.1615



19.6082, 9.9775, 6.8315



1.4937, 0.7552, 0.7405

Inverse Universe

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



53.5367, 45.2255, 52.9220



64.7568, 51.6791, 60.9893



54.4116, 64.8949, 83.0576



14.6128, 14.4623, 16.1615



19.6082, 9.9775, 6.8315



1.4937, 0.7552, 0.7405

Previews

White Background



This preview shows how the XYZ color 53.5354, 45.2234, 52.9211 looks on a white background.

Color Contrast Check

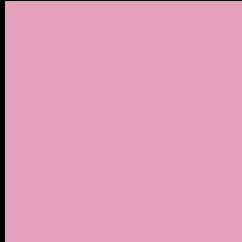
Large Text (above 18pt) WCAG AA × Fail

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 53.5354, 45.2234, 52.9211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

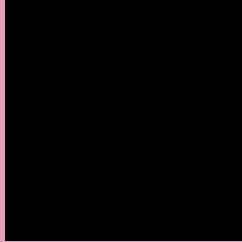
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5354, 45.2234, 52.9211

Background



This preview shows how black text looks on a background with the XYZ color 53.5354, 45.2234, 52.9211.



This preview shows how white text looks on a background with the XYZ color 53.5354, 45.2234,

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

53.5354, 45.2234, 52.9211

Protanopia

44.2449, 45.2651, 59.8312

Deuteranopia

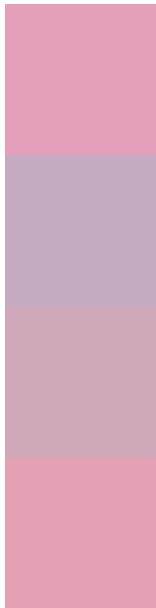
46.2935, 45.3349, 51.6580



Tritanopia

52.3367, 45.2667, 46.5363

Trichromacy



Original Color

53.5354, 45.2234, 52.9211

Protanomaly

47.0655, 44.7566, 57.1972

Deuteranomaly

48.6771, 45.1441, 52.0471

Tritanomaly

52.5601, 45.0753, 48.5780

Monochromacy



Original Color

53.5354, 45.2234, 52.9211

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.5349, 46.2627, 51.7716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5354, 45.2234, 52.9211 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(228, 160, 187)` looks like.

```
.text, #text, p{  
    color:rgb(228, 160, 187)  
}
```

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(228, 160, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 160, 187) }
```

Border

The CSS property to change the border of an element to XYZ 53.5354, 45.2234, 52.9211 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(228, 160, 187) }
```


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

```
.border{ border-color:rgb(228, 160, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 160, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 160, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 160, 187); box-shadow:4px 4px 4px 4px rgb(228, 160, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5354, 45.2234, 52.9211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 160, 187) }
```

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

```
.background{ background-color: rgb(228,  
160, 187) }
```

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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