

Converting Colors

XYZ(48.3567, 45.7533, 34.1710)

Have a look what the booklet for
XYZ(48.3567, 45.7533, 34.1710)
contains.

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Color

**XYZ(48.3353, 45.6393,
34.2787)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AA94
RGB	217, 170, 148
RGB Percent	85%, 67%, 58%
CMY	0.1490, 0.3333, 0.4196
CMYK	0.00, 0.22, 0.32, 0.15
HSL	19°, 48%, 72%
HSV	19°, 32%, 85%
XYZ	48.3353, 45.6393, 34.2787
YIQ	181.5450, 35.0740, 3.1220

Conversions

Conversions Part 2

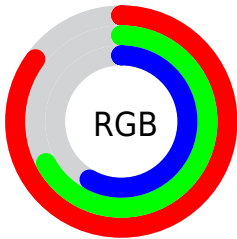
Format	Color
R _Y B	217, 180, 148
Decimal	14264980
CIE Lab	73.31, 14.14, 17.93
CIE LCh	73, 22.831, 51.744
Yxy	45.6393, 0.3769, 0.3559
Android (android.graphics.Color)	4292455060 (0xFFD9AA94)
YUV	181.5450, -16.5377, 31.0940
Hunter-Lab	67.5569, 9.4879, 17.2058

Details

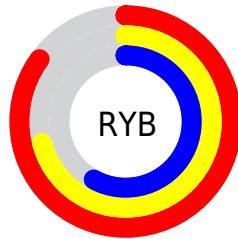
The XYZ color **48.3353, 45.6393, 34.2787** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2516, 50.3342, 73.0289**, and the grayscale version is **44.2907, 46.5973, 50.7445**.

A 20% lighter version of the original color is **78.8259, 79.3747, 67.0434**, and **23.3340, 21.3970, 14.2095** is the 20% darker color. If you saturate the color by 10%, you get **44.1597, 39.7838, 25.1924**, and if you desaturate by 10%, it is **53.1469, 52.2509, 45.1666**.

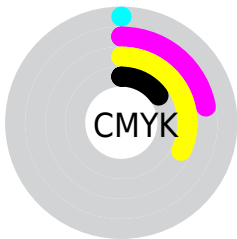
Distribution



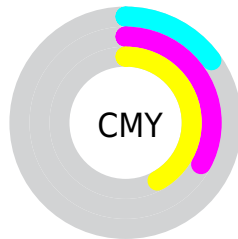
- Red (85%)
- Green (67%)
- Blue (58%)



- Red (85%)
- Yellow (71%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (15%)





- Cyan (15%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3353, 45.6393, 34.2787 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 48.3353, 45.6393, 34.2787 by changing the saturation by 10% instead.


 48.3353, 45.6393,
34.2787


 48.3353, 45.6393,
34.2787


370.6801,
369.3566, 336.1800

 34.3048, 31.9613,
22.8287


 86.9101, 83.6789,
67.5057

 23.2919, 21.3319,
14.2630


 112.1852,
108.8093, 90.1197

 14.9311, 13.3668,
8.1629


141.9391,
138.5259, 117.2922

 8.8570, 7.6816,
4.1101

176.5374,
173.2132, 149.4417

 4.7044, 3.8919,
1.6860

216.3452,
213.2555, 186.9866

 2.1078, 1.6133,
0.3511

261.7281,

 0.6935, 0.3665,

259.0373, 230.3456

0.0000

313.0513,
310.9428, 279.9373

■ 0.0000, 0.0000,
0.0000

■ 48.3353, 45.6393,
34.2787

■ 48.3353, 45.6393,
34.2787

■ 44.1597, 39.7838,
25.1924

■ 53.1469, 52.2509,
45.1666

■ 40.5881, 34.6503,
17.8064

■ 58.6172, 59.6384,
57.9441

■ 37.5911, 30.2113,
12.0138

■ 64.7724, 67.8288,
72.6967

■ 35.1351, 26.4350,
7.6940

■ 71.6358, 76.8460,
89.5041

■ 33.1825, 23.2868,
4.7092

■ 78.9872, 86.6155,
107.1631

■ 31.6897, 20.7284,
2.8945

■ 82.4253, 93.4917,
108.3092

■ 30.7559, 19.0330,
2.0527

Harmonies

Analogous

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



50.9499, 45.6393, 41.9464



48.3353, 45.6393, 34.2787



44.4966, 45.6393, 30.8713

Triad

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



48.3353, 45.6393, 34.2787



36.1802, 45.6393, 46.5864



46.3013, 45.6393, 73.1821

Complementary

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



48.3353, 45.6393, 34.2787



44.2516, 50.3342, 73.0289

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.



42.2799, 45.6393, 74.9351



48.3353, 45.6393, 34.2787



36.5975, 45.6393, 58.3400

Square

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



48.3353, 45.6393, 34.2787



37.5960, 45.6393, 37.2251



38.7733, 45.6393, 69.1499



49.7260, 45.6393, 64.6747

Rectangle

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



48.3353, 45.6393, 34.2787



41.8268, 45.6393, 31.0417



38.7733, 45.6393, 69.1499



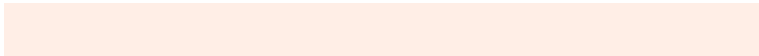
44.9687, 45.6393, 74.6284

Sweetspot

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



48.3365, 45.6414, 34.2796



85.9203, 87.8802, 86.9294



49.0728, 39.8789, 56.8300



18.1334, 18.4659, 17.9962



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.



48.3365, 45.6414, 34.2796



65.6182, 60.1281, 40.5403



55.6370, 60.2424, 36.7131



13.3933, 13.7259, 13.6690



18.7026, 11.6907, 1.2708



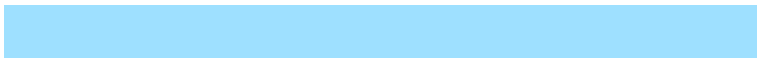
1.2880, 0.9100, 0.1078

Inverse Universe

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



44.2516, 50.3342, 73.0289



58.8522, 67.8632, 104.6048



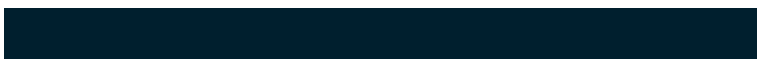
37.4214, 36.6738, 70.7522



13.0765, 14.0928, 16.6831



14.0720, 16.0135, 42.0876



0.9880, 1.1902, 2.7521

Previews

White Background



This preview shows how the XYZ color 48.3353, 45.6393, 34.2787 looks on a white background.

Color Contrast Check

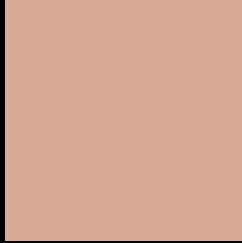
Large Text (above 18pt) WCAG AA × Fail

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 48.3353, 45.6393, 34.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

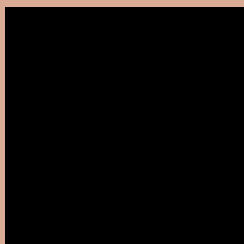
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3353, 45.6393, 34.2787

Background



This preview shows how black text looks on a background with the XYZ color 48.3353, 45.6393, 34.2787.



This preview shows how white text looks on a background with the XYZ color 48.3353, 45.6393,

34.2787.

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

48.3353, 45.6393, 34.2787

Protanopia

43.3062, 45.8896, 36.7121

Deuteranopia

46.5045, 45.5490, 33.9446



Tritanopia

51.1873, 45.7024, 48.2431

Trichromacy



Original Color

48.3353, 45.6393, 34.2787

Protanomaly

44.9307, 45.5644, 35.7049

Deuteranomaly

47.1704, 45.6087, 33.9210

Tritanomaly

50.0072, 45.4875, 42.7035

Monochromacy



Original Color

48.3353, 45.6393, 34.2787

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.6818, 46.3452, 44.5680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3353, 45.6393, 34.2787 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(217, 170, 148)` looks like.

```
.text, #text, p{  
    color:rgb(217, 170, 148)  
}
```

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(217, 170, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 170, 148) }
```

Border

The CSS property to change the border of an element to XYZ 48.3353, 45.6393, 34.2787 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(217, 170, 148) }
```


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

```
.border{ border-color:rgb(217, 170, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 170, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 170, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 170, 148);  
box-shadow:4px 4px 4px 4px rgb(217, 170,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3353, 45.6393, 34.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 170, 148) }
```

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

```
.background{ background-color: rgb(217,  
170, 148) }
```

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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