

Converting Colors

XYZ(50.4489, 41.3261, 33.7733)

Have a look what the booklet for
XYZ(50.4489, 41.3261, 33.7733)
contains.

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Color

**XYZ(50.4332, 41.3270,
33.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9595
RGB	235, 149, 149
RGB Percent	92%, 58%, 58%
CMY	0.0784, 0.4157, 0.4157
CMYK	0.00, 0.37, 0.37, 0.08
HSL	0°, 68%, 75%
HSV	0°, 37%, 92%
XYZ	50.4332, 41.3270, 33.7526
YIQ	174.7140, 51.2560, 18.2320

Conversions

Conversions Part 2

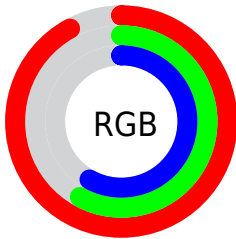
Format	Color
R _Y B	235, 149, 149
Decimal	15439253
CIE Lab	70.40, 32.36, 13.62
CIE LCh	70, 35.105, 22.823
Yxy	41.3270, 0.4018, 0.3293
Android (android.graphics.Color)	4293629333 (0xFFEB9595)
YUV	174.7140, -12.6770, 52.8708
Hunter-Lab	64.2861, 27.5348, 13.8708

Details

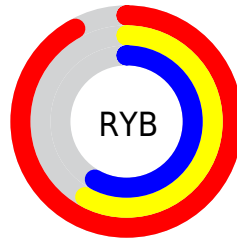
The XYZ color **50.4332, 41.3270, 33.7526** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.0969, 71.8015, 89.4469**, and the grayscale version is **40.6456, 42.7624, 46.5682**.

A 20% lighter version of the original color is **73.6124, 68.7575, 65.8917**, and **24.6108, 18.7783, 13.8827** is the 20% darker color. If you saturate the color by 10%, you get **45.3928, 33.9518, 23.7312**, and if you desaturate by 10%, it is **56.6044, 50.3576, 46.0192**.

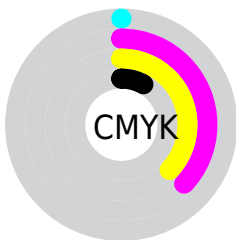
Distribution



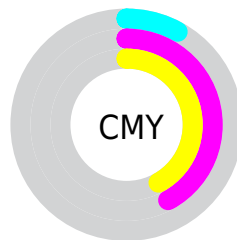
- Red (92%)
- Green (58%)
- Blue (58%)



- Red (92%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (8%)





- Cyan (8%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4332, 41.3270, 33.7526 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 50.4332, 41.3270, 33.7526 by changing the saturation by 10% instead.


 50.4332, 41.3270,
33.7526

 50.4332, 41.3270,
33.7526


378.7817,
351.6855, 333.7629

 35.9769, 28.5747,
22.4278

 90.0044, 77.1800,
66.6782

 24.5864, 18.7593,
13.9703


 115.8500,
101.0496, 89.1162

 15.8963, 11.4965,
7.9615


146.2228,
129.3936, 116.0955

 9.5412, 6.4018,
3.9829

181.4881,
162.5966, 148.0349

 5.1557, 3.0909,
1.6160

222.0113,
201.0428, 185.3527

 2.3746, 1.1794,
0.3022

268.1577,

 0.8324, 0.0448,

245.1168, 228.4677

0.0000

320.2927,
295.2029, 277.7982

■ 0.0000, 0.0000,
0.0000

■ 50.4332, 41.3270,
33.7526

■ 50.4332, 41.3270,
33.7526

■ 45.3928, 33.9518,
23.7312

■ 56.6044, 50.3576,
46.0192

■ 41.4115, 28.1260,
15.8169

■ 63.9656, 61.1292,
60.6530

■ 38.4149, 23.7410,
9.8601

■ 72.5759, 73.7285,
77.7702

■ 36.3173, 20.6715,
5.6905

■ 82.4896, 88.2349,
97.4783

■ 35.0184, 18.7708,
3.1087

■ 88.0709, 96.4022,
108.5734

■ 34.3918, 17.8537,
1.8632

■ 34.2611, 17.6625,
1.6034

Harmonies

Analogous

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



51.3633, 41.3270, 49.0907



50.4332, 41.3270, 33.7526



46.3817, 41.3270, 24.1130

Triad

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



50.4332, 41.3270, 33.7526



31.0780, 41.3270, 28.3825



37.9086, 41.3270, 84.5142

Complementary

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



50.4332, 41.3270, 33.7526



57.0969, 71.8015, 89.4469

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.



32.9430, 41.3270, 75.4010



50.4332, 41.3270, 33.7526



29.2581, 41.3270, 41.1395

Square

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



50.4332, 41.3270, 33.7526



35.1273, 41.3270, 21.5848



29.9059, 41.3270, 58.4992



43.7479, 41.3270, 81.1481

Rectangle

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



50.4332, 41.3270, 33.7526



42.6526, 41.3270, 20.9348



29.9059, 41.3270, 58.4992



36.0902, 41.3270, 82.7462

Sweetspot

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



50.4343, 41.3290, 33.7534



82.5541, 81.7150, 84.0584



60.0039, 45.1556, 84.1505



17.3685, 17.0493, 17.3927



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.



50.4343, 41.3290, 33.7534



55.9762, 42.8240, 31.2228



58.5356, 57.5316, 36.4538



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



1.4973, 0.7719, 0.0701

Inverse Universe

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



57.0969, 71.8015, 89.4469



65.1010, 84.5575, 107.4978



46.2398, 50.0874, 85.8279



15.5177, 17.1218, 19.4092



24.8775, 36.4019, 49.4581



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 50.4332, 41.3270, 33.7526 looks on a white background.

Color Contrast Check

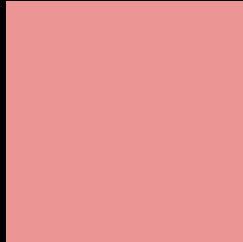
Large Text (above 18pt) WCAG AA × Fail

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 50.4332, 41.3270, 33.7526 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 50.4332, 41.3270, 33.7526

Background



This preview shows how black text looks on a background with the XYZ color 50.4332, 41.3270, 33.7526.



This preview shows how white text looks on a background with the XYZ color 50.4332, 41.3270,

33.7526.

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

50.4332, 41.3270, 33.7526

Protanopia

39.5456, 41.5432, 39.6526

Deuteranopia

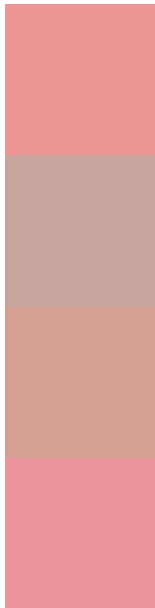
42.3777, 41.4899, 32.9689



Tritanopia

51.4400, 41.5159, 38.1031

Trichromacy



Original Color

50.4332, 41.3270, 33.7526

Protanomaly

42.9145, 41.1274, 37.5748

Deuteranomaly

44.9886, 41.2452, 33.1937

Tritanomaly

51.0984, 41.3792, 36.3042

Monochromacy



Original Color

50.4332, 41.3270, 33.7526

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.5451, 41.8959, 41.8680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4332, 41.3270, 33.7526 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(235, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(235, 149, 149)  
}
```

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(235, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 50.4332, 41.3270, 33.7526 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(235, 149, 149) }
```


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

```
.border{ border-color:rgb(235, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(235, 149,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4332, 41.3270, 33.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 149, 149) }
```

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

```
.background{ background-color: rgb(235,  
149, 149) }
```

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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