

Converting Colors

XYZ(43.6568, 34.1795, 21.2189)

Have a look what the booklet for
XYZ(43.6568, 34.1795, 21.2189)
contains.

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Color

**XYZ(43.6403, 34.1750,
21.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	E58375
RGB	229, 131, 117
RGB Percent	90%, 51%, 46%
CMY	0.1020, 0.4862, 0.5412
CMYK	0.00, 0.43, 0.49, 0.10
HSL	8°, 68%, 68%
HSV	8°, 49%, 90%
XYZ	43.6403, 34.1750, 21.1260
YIQ	158.7060, 62.9020, 16.4220

Conversions

Conversions Part 2

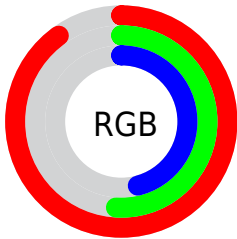
Format	Color
R_{YB}	229, 133, 117
Decimal	15041397
CIE _{Lab}	65.10, 36.16, 24.05
CIE _{LCh}	65, 43.424, 33.624
Yxy	34.1750, 0.4411, 0.3454
Android (android.graphics.Color)	4293231477 (0xFFE58375)
YUV	158.7060, -20.5611, 61.6478
Hunter-Lab	58.4594, 30.9474, 19.4954

Details

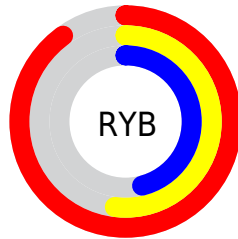
The XYZ color **43.6403, 34.1750, 21.1260** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.7781, 58.0370, 82.9180**, and the grayscale version is **32.8921, 34.6050, 37.6849**.

A 20% lighter version of the original color is **65.7504, 58.8225, 45.4246**, and **20.4477, 14.5677, 7.3644** is the 20% darker color. If you saturate the color by 10%, you get **40.0191, 28.8303, 14.0691**, and if you desaturate by 10%, it is **48.1129, 40.6956, 30.0920**.

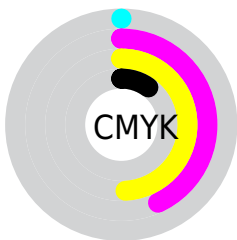
Distribution



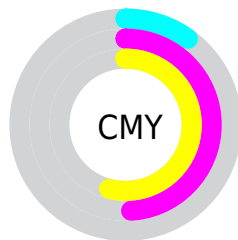
- Red (90%)
- Green (51%)
- Blue (46%)



- Red (90%)
- Yellow (52%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (49%)
- Black (10%)





- Cyan (10%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6403, 34.1750, 21.1260 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 43.6403, 34.1750, 21.1260 by changing the saturation by 10% instead.


 43.6403, 34.1750,
21.1260


 43.6403, 34.1750,
21.1260


352.1155,
320.9117, 270.7504


 30.5845, 23.0281,
13.0240


 79.9259, 66.2057,
46.1806

 20.4329, 14.6142,
7.3141


 103.8865, 87.8583,
63.9704

 12.8202, 8.5491,
3.5779


 132.2126,
113.7815, 85.8264

 7.3810, 4.4483,
1.3968

165.2698,
144.3599, 112.1673

 3.7499, 1.9273,
0.1392

203.4233,
179.9776, 143.4116

 1.5617, 0.5647,
0.0000

247.0385,

 0.3672, 0.0000,

221.0193, 179.9779

0.0000

296.4808,
267.8691, 222.2846

■ 0.0000, 0.0000,
0.0000

■ 43.6403, 34.1750,
21.1260

■ 43.6403, 34.1750,
21.1260

■ 40.0191, 28.8303,
14.0691

■ 48.1129, 40.6956,
30.0920

■ 37.1922, 24.5864,
8.7806

■ 53.4839, 48.4510,
41.0901

■ 35.0995, 21.3673,
5.1034


■ 59.8002, 57.5025,
54.2353


■ 33.6706, 19.0855,
2.8518


■ 67.1043, 67.9057,
69.6333

■ 32.8121, 17.6343,
1.7462

■ 75.4363, 79.7131,
87.3831

 32.7435, 17.5190,
1.6557

 84.8341, 92.9742,
107.5776

 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



46.1224, 34.1750, 35.0621



43.6403, 34.1750, 21.1260



38.1621, 34.1750, 13.9922

Triad

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



43.6403, 34.1750, 21.1260



22.7998, 34.1750, 23.8367



33.2535, 34.1750, 83.6390

Complementary

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



43.6403, 34.1750, 21.1260



45.7781, 58.0370, 82.9180

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.



27.3960, 34.1750, 77.7113



43.6403, 34.1750, 21.1260



21.8375, 34.1750, 39.4454

Square

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



43.6403, 34.1750, 21.1260



26.2299, 34.1750, 15.1651



23.4095, 34.1750, 59.8978



39.6569, 34.1750, 74.1857

Rectangle

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



43.6403, 34.1750, 21.1260



33.8452, 34.1750, 12.2972



23.4095, 34.1750, 59.8978



31.1565, 34.1750, 83.3903

Sweetspot

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



43.6412, 34.1767, 21.1266



79.7293, 78.2517, 76.3772



51.0605, 34.3352, 68.8566



16.6554, 16.1644, 15.4859



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.



43.6412, 34.1767, 21.1266



50.8949, 36.5271, 17.6116



53.0970, 53.0884, 24.2786



14.5215, 14.6569, 14.9681



18.7681, 10.1104, 0.9623



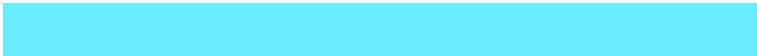
1.4345, 0.8423, 0.0870

Inverse Universe

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



45.7781, 58.0370, 82.9180



53.8721, 70.2942, 105.3365



34.0385, 34.5578, 79.0048



14.6456, 16.0126, 18.4632



20.0046, 27.0714, 46.5541



1.5216, 2.0871, 3.4546

Previews

White Background



This preview shows how the XYZ color 43.6403, 34.1750, 21.1260 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 43.6403, 34.1750, 21.1260 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 43.6403, 34.1750, 21.1260

Background



This preview shows how black text looks on a background with the XYZ color 43.6403, 34.1750, 21.1260.



This preview shows how white text looks on a background with the XYZ color 43.6403, 34.1750,

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

43.6403, 34.1750, 21.1260

Protanopia

32.3378, 34.3635, 25.6973

Deuteranopia

34.9479, 34.3401, 20.4091



Tritanopia

45.1895, 34.2334, 27.8929

Trichromacy



Original Color

43.6403, 34.1750, 21.1260

Protanomaly

35.5268, 33.6076, 24.0165

Deuteranomaly

37.6391, 33.8579, 20.4710

Tritanomaly

44.5126, 34.1352, 25.3618

Monochromacy



Original Color

43.6403, 34.1750, 21.1260

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.5487, 33.6989, 31.0165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6403, 34.1750, 21.1260 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(229, 131, 117)` looks like.

```
.text, #text, p{  
    color:rgb(229, 131, 117)  
}
```

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(229, 131, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 131, 117) }
```

Border

The CSS property to change the border of an element to XYZ 43.6403, 34.1750, 21.1260 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(229, 131, 117) }
```


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

```
.border{ border-color:rgb(229, 131, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 131, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 131, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 131, 117);  
box-shadow:4px 4px 4px 4px rgb(229, 131,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6403, 34.1750, 21.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 131, 117) }
```

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

```
.background{ background-color: rgb(229,  
131, 117) }
```

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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