

Converting Colors

XYZ(43.7083, 35.3748, 23.3849)

Have a look what the booklet for
XYZ(43.7083, 35.3748, 23.3849)
contains.

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Color

**XYZ(43.5721, 35.3289,
23.2616)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1897B |
| RGB | 225, 137, 123 |
| RGB Percent | 88%, 54%, 48% |
| CMY | 0.1176, 0.4627, 0.5176 |
| CMYK | 0.00, 0.39, 0.45, 0.12 |
| HSL | 8°, 63%, 68% |
| HSV | 8°, 45%, 88% |
| XYZ | 43.5721, 35.3289, 23.2616 |
| YIQ | 161.7160, 56.9420, 14.3020 |

Conversions

Conversions Part 2

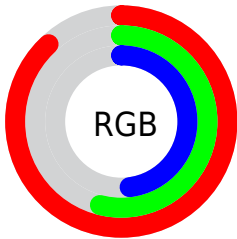
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 225, 139, 123 |
| Decimal | 14780795 |
| CIE Lab | 66.00, 32.07, 21.83 |
| CIE LCh | 66, 38.789, 34.240 |
| Yxy | 35.3289, 0.4265, 0.3458 |
| Android (android.graphics.Color) | 4292970875 (0xFFE1897B) |
| YUV | 161.7160, -19.0870, 55.5001 |
| Hunter-Lab | 59.4381, 26.8357, 18.4031 |

Details

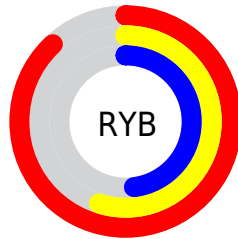
The XYZ color **43.5721, 35.3289, 23.2616** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.0521, 56.2332, 79.7135**, and the grayscale version is **34.2784, 36.0636, 39.2732**.

A 20% lighter version of the original color is **67.7073, 61.6562, 49.4066**, and **20.5002, 15.3655, 8.3639** is the 20% darker color. If you saturate the color by 10%, you get **39.8067, 29.7992, 15.8380**, and if you desaturate by 10%, it is **48.1593, 41.9844, 32.5567**.

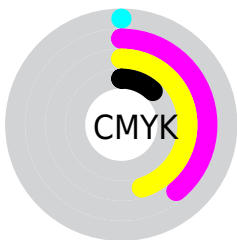
Distribution



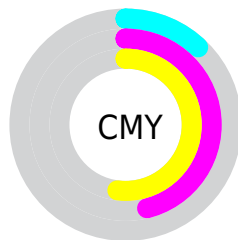
- Red (88%)
- Green (54%)
- Blue (48%)



- Red (88%)
- Yellow (55%)
- Blue (48%)



- Cyan (0%)
- Magenta (39%)
- Yellow (45%)
- Black (12%)





- Cyan (12%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5721, 35.3289, 23.2616 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 43.5721, 35.3289, 23.2616 by changing the saturation by 10% instead.


 43.5721, 35.3289,
23.2616


 43.5721, 35.3289,
23.2616


351.8410,
326.0177, 282.2311

 30.5307, 23.9163,
14.5797


 79.8238, 67.9950,
49.7511

 20.3918, 15.2716,
8.3816


 103.7649, 90.0173,
68.3958

 12.7901, 9.0102,
4.2488


 132.0698,
116.3450, 91.1986

 7.3602, 4.7478,
1.7628

165.1041,
147.3624, 118.5778

 3.7367, 2.1001,
0.4033

203.2330,
183.4540, 150.9522

 1.5543, 0.6647,
0.0000

246.8219,

 0.3623, 0.0000,

225.0041, 188.7401

0.0000

296.2361,
272.3973, 232.3603

■ 0.0000, 0.0000,
0.0000

■ 43.5721, 35.3289,
23.2616

■ 43.5721, 35.3289,
23.2616

■ 39.8067, 29.7992,
15.8380

■ 48.1593, 41.9844,
32.5567

■ 36.8114, 25.3276,
10.1565

■ 53.6107, 49.8177,
43.8366

■ 34.5326, 21.8476,
6.0747


■ 59.9688, 58.8841,
57.2080


■ 32.9085, 19.2828,
3.4264


■ 67.2727, 69.2337,
72.7693

■ 31.8660, 17.5449,
2.0087

■ 75.5588, 80.9140,
90.6130

 31.5384, 16.9819,
1.6156

 84.3750, 93.7750,
108.2611

 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



45.8541, 35.3289, 36.1736



43.5721, 35.3289, 23.2616



38.6163, 35.3289, 16.4184

Triad

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



43.5721, 35.3289, 23.2616



24.5744, 35.3289, 26.2829



34.4030, 35.3289, 79.4669

Complementary

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



43.5721, 35.3289, 23.2616



45.0521, 56.2332, 79.7135

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.



29.0001, 35.3289, 74.6066



43.5721, 35.3289, 23.2616



23.7170, 35.3289, 40.8557

Square

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



43.5721, 35.3289, 23.2616



27.7351, 35.3289, 17.7814



25.2442, 35.3289, 59.1724



40.1911, 35.3289, 71.0251

Rectangle

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



43.5721, 35.3289, 23.2616



34.7008, 35.3289, 14.7829



25.2442, 35.3289, 59.1724



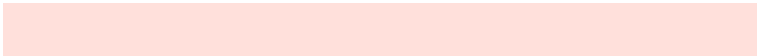
32.4817, 35.3289, 79.3482

Sweetspot

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



43.5730, 35.3307, 23.2623



80.7757, 79.8101, 78.3727



49.9424, 34.8970, 65.9947



16.8669, 16.4824, 15.8804



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.



43.5730, 35.3307, 23.2623



53.3019, 40.2181, 21.8758



52.5244, 53.2334, 26.2461



13.8582, 14.0025, 14.2791



18.2231, 9.8841, 0.9474



1.3125, 0.7838, 0.0821

Inverse Universe

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



45.0521, 56.2332, 79.7135



55.4487, 71.0672, 105.4026



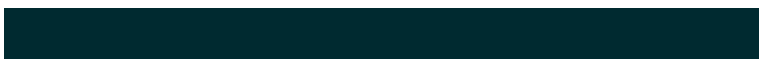
34.3995, 34.9280, 76.1626



13.9477, 15.2346, 17.5931



19.0259, 25.5213, 44.9717



1.3636, 1.8587, 3.1321

Previews

White Background



This preview shows how the XYZ color 43.5721, 35.3289, 23.2616 looks on a white background.

Color Contrast Check

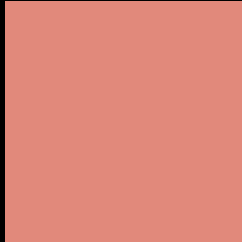
Large Text (above 18pt) WCAG AA × Fail

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 43.5721, 35.3289, 23.2616 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 43.5721, 35.3289, 23.2616

Background



This preview shows how black text looks on a background with the XYZ color 43.5721, 35.3289, 23.2616.



This preview shows how white text looks on a background with the XYZ color 43.5721, 35.3289,

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

43.5721, 35.3289, 23.2616

Protanopia

33.4514, 35.4089, 27.6258

Deuteranopia

36.1810, 35.4144, 22.6980



Tritanopia

45.2377, 35.3947, 30.8331

Trichromacy



Original Color

43.5721, 35.3289, 23.2616

Protanomaly

36.4927, 35.0153, 25.9544

Deuteranomaly

38.6697, 35.2568, 22.8563

Tritanomaly

44.4719, 35.2743, 27.7572

Monochromacy



Original Color

43.5721, 35.3289, 23.2616

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.7441, 35.2349, 32.8814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5721, 35.3289, 23.2616 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(225, 137, 123)` looks like.

```
.text, #text, p{  
    color:rgb(225, 137, 123)  
}
```

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(225, 137, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 137, 123) }
```

Border

The CSS property to change the border of an element to XYZ 43.5721, 35.3289, 23.2616 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(225, 137, 123) }
```


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

```
.border{ border-color:rgb(225, 137, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 137, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 137, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 137, 123);  
box-shadow:4px 4px 4px 4px rgb(225, 137,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5721, 35.3289, 23.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 137, 123) }
```

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

```
.background{ background-color: rgb(225,  
137, 123) }
```

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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