

Converting Colors

XYZ(43.4947, 34.6279, 26.2016)

Have a look what the booklet for
XYZ(43.4947, 34.6279, 26.2016)
contains.

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Color

**XYZ(43.4304, 34.5634,
26.2122)**

Conversions

Conversions Part 1

Format	Color
Hex	E08684
RGB	224, 134, 132
RGB Percent	88%, 53%, 52%
CMY	0.1216, 0.4745, 0.4823
CMYK	0.00, 0.40, 0.41, 0.12
HSL	1°, 60%, 70%
HSV	1°, 41%, 88%
XYZ	43.4304, 34.5634, 26.2122
YIQ	160.6820, 54.2820, 18.4580

Conversions

Conversions Part 2

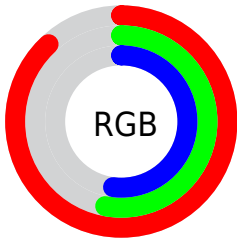
Format	Color
R_{YB}	224, 134, 132
Decimal	14714500
CIE _{Lab}	65.41, 34.22, 15.94
CIE _{LCh}	65, 37.750, 24.978
Yxy	34.5634, 0.4168, 0.3317
Android (android.graphics.Color)	4292904580 (0xFFE08684)
YUV	160.6820, -14.1402, 55.5299
Hunter-Lab	58.7906, 28.9796, 14.7186

Details

The XYZ color **43.4304, 34.5634, 26.2122** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.0903, 62.5273, 80.0025**, and the grayscale version is **33.7754, 35.5344, 38.6969**.

A 20% lighter version of the original color is **67.9802, 60.7292, 54.0379**, and **20.3805, 14.9180, 9.9889** is the 20% darker color. If you saturate the color by 10%, you get **39.3378, 28.5735, 18.0802**, and if you desaturate by 10%, it is **48.4813, 41.9431, 36.2879**.

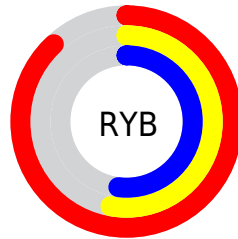
Distribution



Red (88%)

Green (53%)

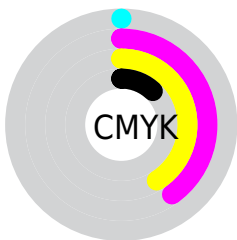
Blue (52%)



Red (88%)

Yellow (53%)

Blue (52%)

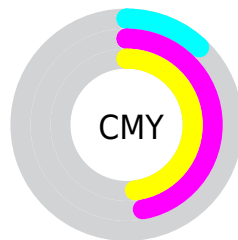


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (12%)



Cyan (12%)


Magenta (47%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4304, 34.5634, 26.2122 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 43.4304, 34.5634, 26.2122 by changing the saturation by 10% instead.


 43.4304, 34.5634,
26.2122


 43.4304, 34.5634,
26.2122

351.2704,
322.6370, 297.4608

 30.4189, 23.3268,
16.7553


 79.6116, 66.8088,
54.6054

 20.3064, 14.8350,
9.9000


 103.5121, 88.5864,
74.3787

 12.7276, 8.7036,
5.2280


 131.7729,
114.6465, 98.4278

 7.3169, 4.5484,
2.3206

164.7595,
145.3733, 127.1714

 3.7092, 1.9848,
0.7427

202.8372,
181.1514, 161.0280

 1.5389, 0.5986,
0.0000

246.3714,

 0.3521, 0.0000,

222.3651, 200.4160

0.0000

295.7273,
269.3989, 245.7541

■ 0.0000, 0.0000,
0.0000

■ 43.4304, 34.5634,
26.2122

■ 43.4304, 34.5634,
26.2122

■ 39.3378, 28.5735,
18.0802

■ 48.4813, 41.9431,
36.2879

■ 36.1405, 23.8818,
11.7648

■ 54.5429, 50.7867,
48.4192

■ 33.7723, 20.3937,
7.1273

■ 61.6671, 61.1691,
62.7119

■ 32.1566, 17.9995,
4.0077

■ 69.9011, 73.1584,
79.2640

■ 31.2026, 16.5696,
2.2156

■ 79.2897, 86.8190,
98.1675

■ 30.7934, 15.9532,
1.4563

■ 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



44.5860, 34.5634, 40.3548



43.4304, 34.5634, 26.2122



39.3198, 34.5634, 17.8413

Triad

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



43.4304, 34.5634, 26.2122



24.9110, 34.5634, 22.7585



31.9321, 34.5634, 76.7113

Complementary

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



43.4304, 34.5634, 26.2122



49.0903, 62.5273, 80.0025

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.



27.1346, 34.5634, 68.3807



43.4304, 34.5634, 26.2122



23.3808, 34.5634, 35.0377

Square

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



43.4304, 34.5634, 26.2122



28.5745, 34.5634, 16.2735



24.1471, 34.5634, 51.9678



37.5353, 34.5634, 72.4155

Rectangle

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



43.4304, 34.5634, 26.2122



35.6769, 34.5634, 15.2644



24.1471, 34.5634, 51.9678



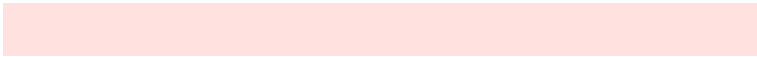
30.1793, 34.5634, 75.2400

Sweetspot

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



43.4313, 34.5651, 26.2129



81.6922, 80.5501, 82.0479



52.2393, 37.6491, 73.9492



17.2026, 16.8290, 16.9938



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.



43.4313, 34.5651, 26.2129



53.6291, 39.5860, 25.9510



51.1326, 49.9678, 28.7800



13.7311, 13.7481, 14.2367



17.9348, 9.3075, 0.8513



1.2517, 0.6623, 0.0619

Inverse Universe

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



49.0903, 62.5273, 80.0025



62.1610, 81.7646, 107.1137



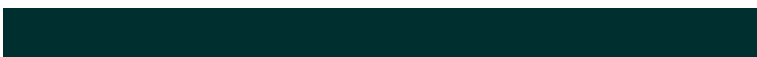
38.5875, 41.5216, 76.5016



14.0896, 15.5184, 17.6404



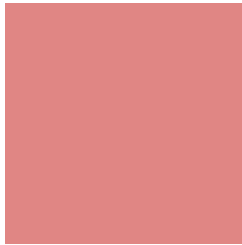
22.6060, 32.6816, 46.1651



1.5752, 2.2818, 3.2027

Previews

White Background



This preview shows how the XYZ color 43.4304, 34.5634, 26.2122 looks on a white background.

Color Contrast Check

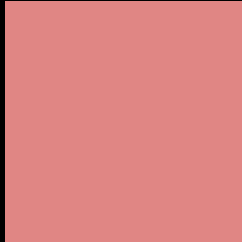
Large Text (above 18pt) WCAG AA × Fail

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 43.4304, 34.5634, 26.2122 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 43.4304, 34.5634, 26.2122

Background



This preview shows how black text looks on a background with the XYZ color 43.4304, 34.5634, 26.2122.



This preview shows how white text looks on a background with the XYZ color 43.4304, 34.5634,

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

43.4304, 34.5634, 26.2122

Protanopia

33.1581, 34.9169, 31.3776

Deuteranopia

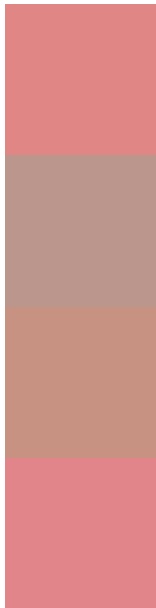
35.3613, 34.6817, 25.5994



Tritanopia

44.1851, 34.4631, 29.9144

Trichromacy



Original Color

43.4304, 34.5634, 26.2122

Protanomaly

36.1335, 34.2709, 29.5215

Deuteranomaly

37.8613, 34.3116, 25.7464

Tritanomaly

44.0263, 34.6176, 28.4062

Monochromacy



Original Color

43.4304, 34.5634, 26.2122

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.3388, 34.5256, 33.6030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4304, 34.5634, 26.2122 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(224, 134, 132)` looks like.

```
.text, #text, p{  
    color:rgb(224, 134, 132)  
}
```

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(224, 134, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 134, 132) }
```

Border

The CSS property to change the border of an element to XYZ 43.4304, 34.5634, 26.2122 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(224, 134, 132) }
```


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

```
.border{ border-color:rgb(224, 134, 132) }
```

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

Here you see how a box with a 4 pixel rgb(224, 134, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 134, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 134, 132);  
box-shadow:4px 4px 4px 4px rgb(224, 134,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4304, 34.5634, 26.2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 134, 132) }
```

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

```
.background{ background-color: rgb(224,  
134, 132) }
```

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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