

Converting Colors

XYZ(41.6934, 35.0007, 13.5751)

Have a look what the booklet for
XYZ(41.6934, 35.0007, 13.5751)
contains.

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Color

**XYZ(41.6934, 35.0007,
13.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	E08B57
RGB	224, 139, 87
RGB Percent	88%, 55%, 34%
CMY	0.1216, 0.4549, 0.6588
CMYK	0.00, 0.38, 0.61, 0.12
HSL	23°, 69%, 61%
HSV	23°, 61%, 88%
XYZ	41.6934, 35.0007, 13.5751
YIQ	158.4870, 67.3520, 1.8480

Conversions

Conversions Part 2

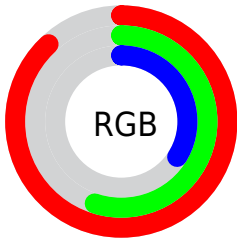
Format	Color
R _Y B	224, 171, 87
Decimal	14715735
CIE Lab	65.75, 27.54, 41.03
CIE LCh	66, 49.420, 56.130
Yxy	35.0007, 0.4619, 0.3877
Android (android.graphics.Color)	4292905815 (0xFFE08B57)
YUV	158.4870, -35.2431, 57.4549
Hunter-Lab	59.1614, 22.2637, 27.8084

Details

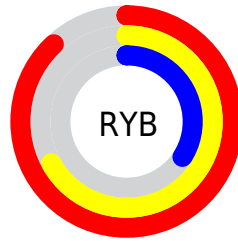
The XYZ color **41.6934, 35.0007, 13.5751** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **32.1365, 36.9110, 75.9514**, and the grayscale version is **32.8555, 34.5666, 37.6430**.

A 20% lighter version of the original color is **64.8974, 61.2349, 32.4438**, and **19.1658, 15.0184, 3.8082** is the 20% darker color. If you saturate the color by 10%, you get **39.0304, 30.9193, 8.8516**, and if you desaturate by 10%, it is **44.8977, 39.7108, 19.8801**.

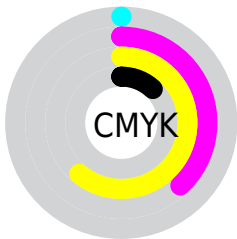
Distribution



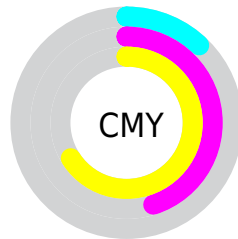
- Red (88%)
- Green (55%)
- Blue (34%)



- Red (88%)
- Yellow (67%)
- Blue (34%)



- Cyan (0%)
- Magenta (38%)
- Yellow (61%)
- Black (12%)



- Cyan (12%)
- Magenta (45%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6934, 35.0007, 13.5751 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 41.6934, 35.0007, 13.5751 by changing the saturation by 10% instead.

41.6934, 35.0007,
13.5751

41.6934, 35.0007,
13.5751

344.2237,
324.5714, 225.9070

29.0513, 23.6634,
7.6904

77.0035, 67.4869,
33.0394

19.2641, 15.0841,
3.8126

100.4022, 89.4045,
47.4560

11.9664, 8.8785,
1.5231

128.1172,
115.6177, 65.5537

6.7929, 4.6620,
0.2350

160.5138,
146.5110, 87.7510

3.3781, 2.0503,
0.0000

197.9574,
182.4685, 114.4665

1.3567, 0.6365,
0.0000

240.8134,

0.2251, 0.0000,

223.8749, 146.1186

0.0000

289.4470,
271.1144, 183.1259

■ 0.0000, 0.0000,
0.0000

■ 41.6934, 35.0007,
13.5751

■ 41.6934, 35.0007,
13.5751

■ 39.0304, 30.9193,
8.8516

■ 44.8977, 39.7108,
19.8801

■ 36.8695, 27.4312,
5.5610

■ 48.6737, 45.0720,
27.8929

■ 35.1688, 24.5049,
3.5289

■ 53.0521, 51.1117,
37.7292

■ 33.9913, 22.3491,
2.5223

■ 58.0606, 57.8541,
49.4937

■ 63.7249, 65.3221,
63.2833

■ 70.0693, 73.5377,
79.1882

■ 77.1166, 82.5215,
97.2934

■ 83.0322, 91.5510,
107.9026

■ 84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



47.4824, 35.0007, 23.0410



41.6934, 35.0007, 13.5751



34.2207, 35.0007, 10.4743

Triad

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



41.6934, 35.0007, 13.5751



21.1649, 35.0007, 35.4680



39.8203, 35.0007, 86.6174

Complementary

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



41.6934, 35.0007, 13.5751



32.1365, 36.9110, 75.9514

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.



32.3314, 35.0007, 93.7281



41.6934, 35.0007, 13.5751



22.2165, 35.0007, 58.6312

Square

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



41.6934, 35.0007, 13.5751



22.9460, 35.0007, 19.8504



26.0603, 35.0007, 82.0244



46.2950, 35.0007, 65.1002

Rectangle

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



41.6934, 35.0007, 13.5751



29.5279, 35.0007, 11.1155



26.0603, 35.0007, 82.0244



37.3093, 35.0007, 91.0452

Sweetspot

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



41.6942, 35.0025, 13.5758



80.1000, 80.5465, 71.7118



41.7659, 25.7107, 42.6867



16.6873, 16.6330, 14.2485



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.



41.6942, 35.0025, 13.5758



51.6167, 40.3021, 10.6644



54.4677, 60.5495, 17.8336



14.1315, 14.5490, 14.3702



19.8880, 13.2138, 1.5023



1.4630, 1.0848, 0.1323

Inverse Universe

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



32.1365, 36.9110, 75.9514



37.7041, 42.9007, 100.9012



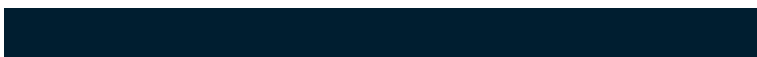
22.4640, 17.5659, 72.7272



13.6567, 14.6525, 17.4961



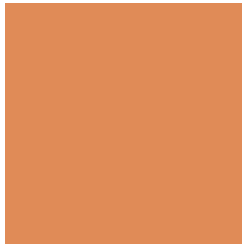
13.3171, 14.1037, 43.0688



1.0086, 1.1486, 3.0138

Previews

White Background



This preview shows how the XYZ color 41.6934, 35.0007, 13.5751 looks on a white background.

Color Contrast Check

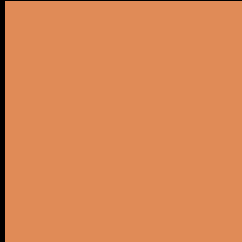
Large Text (above 18pt) WCAG AA × Fail

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 41.6934, 35.0007, 13.5751 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 41.6934, 35.0007, 13.5751

Background



This preview shows how black text looks on a background with the XYZ color 41.6934, 35.0007, 13.5751.



This preview shows how white text looks on a background with the XYZ color 41.6934, 35.0007,

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

41.6934, 35.0007, 13.5751

Protanopia

32.3156, 35.0818, 15.8947

Deuteranopia

35.7564, 35.1583, 13.2892



Tritanopia

45.1287, 34.9495, 29.9586

Trichromacy



Original Color

41.6934, 35.0007, 13.5751

Protanomaly

35.1523, 34.5666, 14.9445

Deuteranomaly

37.6832, 34.9575, 13.3557

Tritanomaly

43.8554, 35.0640, 22.8689

Monochromacy



Original Color

41.6934, 35.0007, 13.5751

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.5229, 33.7442, 26.5235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6934, 35.0007, 13.5751 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, 139, 87)` looks like.

```
.text, #text, p{  
    color:rgb(224, 139, 87)  
}
```

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, 139, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 139, 87) }
```

Border

The CSS property to change the border of an element to XYZ 41.6934, 35.0007, 13.5751 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, 139, 87) }
```


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

```
.border{ border-color:rgb(224, 139, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 139, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 139, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 139, 87);  
box-shadow:4px 4px 4px 4px rgb(224, 139,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6934, 35.0007, 13.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 139, 87) }
```

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

```
.background{ background-color: rgb(224,  
139, 87) }
```

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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