

Converting Colors

XYZ(41.1629, 33.4769, 13.3130)

Have a look what the booklet for
XYZ(41.1629, 33.4769, 13.3130)
contains.

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Color

**XYZ(41.1592, 33.4707,
13.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	E18557
RGB	225, 133, 87
RGB Percent	88%, 52%, 34%
CMY	0.1176, 0.4784, 0.6588
CMYK	0.00, 0.41, 0.61, 0.12
HSL	20°, 70%, 61%
HSV	20°, 61%, 88%
XYZ	41.1592, 33.4707, 13.3080
YIQ	155.2640, 69.5980, 5.1980

Conversions

Conversions Part 2

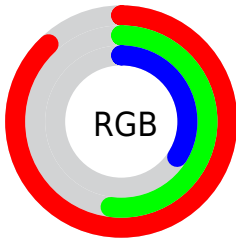
Format	Color
R_{YB}	225, 156, 87
Decimal	14779735
CIE _{Lab}	64.54, 31.12, 39.61
CIE _{LCh}	65, 50.374, 51.841
Yxy	33.4707, 0.4680, 0.3806
Android (android.graphics.Color)	4292969815 (0xFFE18557)
YUV	155.2640, -33.6542, 61.1585
Hunter-Lab	57.8539, 25.7467, 26.8594

Details

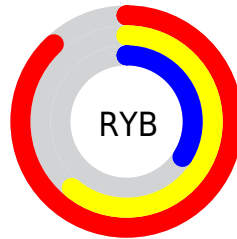
The XYZ color **41.1592, 33.4707, 13.3080** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **33.6403, 39.7007, 77.1239**, and the grayscale version is **31.3964, 33.0315, 35.9713**.

A 20% lighter version of the original color is **63.5978, 58.6356, 32.0106**, and **18.9006, 14.1804, 3.6604** is the 20% darker color. If you saturate the color by 10%, you get **38.4703, 29.3420, 8.5616**, and if you desaturate by 10%, it is **44.4294, 38.3040, 19.6617**.

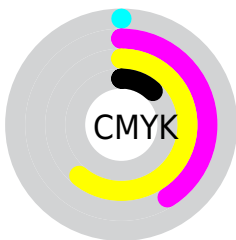
Distribution



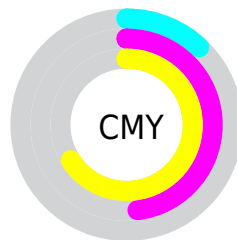
- Red (88%)
- Green (52%)
- Blue (34%)



- Red (88%)
- Yellow (61%)
- Blue (34%)



- Cyan (0%)
- Magenta (41%)
- Yellow (61%)
- Black (12%)





- Cyan (12%)
- Magenta (48%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1592, 33.4707, 13.3080 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 41.1592, 33.4707, 13.3080 by changing the saturation by 10% instead.


 41.1592, 33.4707,
13.3080


 41.1592, 33.4707,
13.3080

342.0368,
317.7654, 224.1590

 28.6317, 22.4873,
7.5078


 76.1987, 65.1097,
32.5553


 18.9453, 14.2154,
3.6984


 99.4414, 86.5341,
46.8394


 11.7345, 8.2706,
1.4614


 126.9866,
112.2076, 64.7886

 6.6341, 4.2686,
0.1889

 159.1996,
142.5146, 86.8213

 3.2786, 1.8249,
0.0000

 196.4457,
177.8395, 113.3562

 1.3028, 0.5026,
0.0000

239.0904,

 0.1853, 0.0000,

218.5666, 144.8117

0.0000

287.4990,
265.0805, 181.6065

■ 0.0000, 0.0000,
0.0000

■ 41.1592, 33.4707,
13.3080

■ 41.1592, 33.4707,
13.3080

■ 38.4703, 29.3420,
8.5616

■ 44.4294, 38.3040,
19.6617

■ 36.3202, 25.8768,
5.2711

■ 48.3142, 43.8695,
27.7516

■ 34.6636, 23.0372,
3.2584

■ 52.8469, 50.1996,
37.6954

■ 33.5679, 21.0408,
2.2921

■ 58.0578, 57.3230,
49.6002

■ 63.9747, 65.2670,
63.5645

■ 70.6242, 74.0573,
79.6804

■ 78.0312, 83.7187,
98.0343

■ 84.2262, 93.4775,
108.2115

■ 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.



46.4764, 33.4707, 23.5906



41.1592, 33.4707, 13.3080



33.8191, 33.4707, 9.5945

Triad

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



41.1592, 33.4707, 13.3080



19.9793, 33.4707, 31.0998



37.2480, 33.4707, 87.0456

Complementary

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



41.1592, 33.4707, 13.3080



33.6403, 39.7007, 77.1239

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.



29.8876, 33.4707, 91.4885



41.1592, 33.4707, 13.3080



20.6120, 33.4707, 53.2798

Square

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



41.1592, 33.4707, 13.3080



22.1190, 33.4707, 17.0212



24.0008, 33.4707, 77.3702



43.9915, 33.4707, 66.8510

Rectangle

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



41.1592, 33.4707, 13.3080



29.0551, 33.4707, 9.7774



24.0008, 33.4707, 77.3702



34.7399, 33.4707, 90.6737

Sweetspot

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



41.1600, 33.4724, 13.3086



79.5248, 79.3959, 71.5201



42.5963, 26.0788, 45.4366



16.5482, 16.3549, 14.2021



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.



41.1600, 33.4724, 13.3086



50.1098, 37.4121, 9.7809



53.8921, 58.9367, 17.5527



14.0787, 14.4434, 14.3526



19.4396, 12.3170, 1.3528



1.4278, 1.0145, 0.1206

Inverse Universe

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



33.6403, 39.7007, 77.1239



39.1870, 46.1287, 101.4461



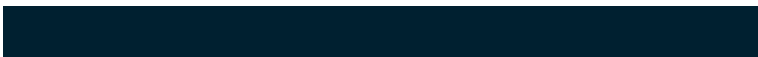
23.0973, 18.6147, 73.6096



13.7115, 14.7622, 17.5144



14.2270, 15.9236, 43.3721



1.0674, 1.2663, 3.0334

Previews

White Background



This preview shows how the XYZ color 41.1592, 33.4707, 13.3080 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 41.1592, 33.4707, 13.3080 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 41.1592, 33.4707, 13.3080

Background



This preview shows how black text looks on a background with the XYZ color 41.1592, 33.4707, 13.3080.



This preview shows how white text looks on a background with the XYZ color 41.1592, 33.4707,

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

41.1592, 33.4707, 13.3080

Protanopia

30.9629, 33.6164, 15.9230

Deuteranopia

34.2059, 33.6437, 12.8746



Tritanopia

44.0282, 33.4503, 27.4286

Trichromacy



Original Color

41.1592, 33.4707, 13.3080

Protanomaly

34.0515, 33.0465, 14.9398

Deuteranomaly

36.4753, 33.4240, 12.9165

Tritanomaly

42.7988, 33.3394, 21.3189

Monochromacy



Original Color

41.1592, 33.4707, 13.3080

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.2854, 32.1824, 25.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1592, 33.4707, 13.3080 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, 133, 87)` looks like.

```
.text, #text, p{  
    color:rgb(225, 133, 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(225, 133, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 133, 87) }
```

Border

The CSS property to change the border of an element to XYZ 41.1592, 33.4707, 13.3080 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, 133, 87) }
```


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

```
.border{ border-color:rgb(225, 133, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 133, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 133, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 133, 87);  
box-shadow:4px 4px 4px 4px rgb(225, 133,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1592, 33.4707, 13.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 133, 87) }
```

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

```
.background{ background-color: rgb(225,  
133, 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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