

Converting Colors

XYZ(39.3688, 26.8249, 13.6271)

Have a look what the booklet for
XYZ(39.3688, 26.8249, 13.6271)
contains.

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Color

**XYZ(39.5325, 26.9114,
13.7005)**

Conversions

Conversions Part 1

Format	Color
Hex	E7645E
RGB	231, 100, 94
RGB Percent	91%, 39%, 37%
CMY	0.0941, 0.6078, 0.6314
CMYK	0.00, 0.57, 0.59, 0.09
HSL	3°, 74%, 64%
HSV	3°, 59%, 91%
XYZ	39.5325, 26.9114, 13.7005
YIQ	138.4850, 80.0020, 25.9060

Conversions

Conversions Part 2

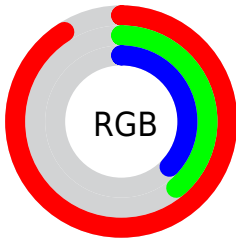
Format	Color
RYB	231, 100, 94
Decimal	15164510
CIELab	58.89, 50.42, 28.90
CIElCh	59, 58.115, 29.826
Yxy	26.9114, 0.4933, 0.3358
Android (android.graphics.Color)	4293354590 (0xFFE7645E)
YUV	138.4850, -21.9311, 81.1357
Hunter-Lab	51.8762, 45.2434, 20.6549

Details

The XYZ color **39.5325, 26.9114, 13.7005** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **45.9630, 61.9954, 85.1446**, and the grayscale version is **24.4037, 25.6746, 27.9597**.

A 20% lighter version of the original color is **58.0722, 46.7470, 32.7504**, and **18.0495, 10.6362, 3.8980** is the 20% darker color. If you saturate the color by 10%, you get **36.8077, 22.8800, 8.4209**, and if you desaturate by 10%, it is **43.1428, 32.2180, 20.8055**.

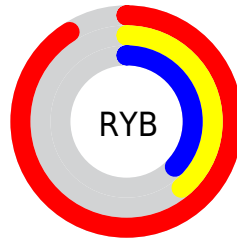
Distribution



Red (91%)

Green (39%)

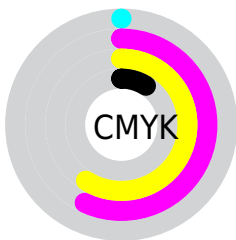
Blue (37%)



Red (91%)

Yellow (39%)

Blue (37%)

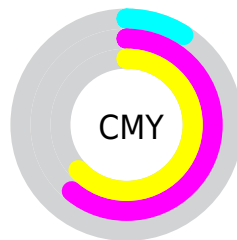


Cyan (0%)

Magenta (57%)

Yellow (59%)

Black (9%)



Cyan (9%)


Magenta (61%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5325, 26.9114, 13.7005 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 39.5325, 26.9114, 13.7005 by changing the saturation by 10% instead.


 39.5325, 26.9114,
13.7005


 39.5325, 26.9114,
13.7005


335.3175,
287.2279, 226.7229


 27.3568, 17.5067,
7.7763


 73.7400, 54.7417,
33.2661


 17.9794, 10.5964,
3.8664


 96.5025, 73.9360,
47.7446

 11.0348, 5.7961,
1.5524


 123.5246, 97.1623,
65.9115

 6.1577, 2.7215,
0.2565

 155.1718,
124.8051, 88.1856

 2.9828, 0.9881,
0.0000

191.8093,
157.2486, 114.9852

 1.1447, 0.0000,
0.0000

233.8025,

 0.0620, 0.0000,

194.8773, 146.7289

0.0000

281.5168,
238.0756, 183.8353

■ 0.0000, 0.0000,
0.0000

■ 39.5325, 26.9114,
13.7005

■ 39.5325, 26.9114,
13.7005

■ 36.8077, 22.8800,
8.4209

■ 43.1428, 32.2180,
20.8055

■ 34.8903, 20.0129,
4.7988

■ 47.7041, 38.8899,
29.8809

■ 33.6919, 18.1874,
2.6376

■ 53.2778, 47.0144,
41.0584

■ 33.0909, 17.2471,
1.6309

■ 59.9198, 56.6699,
54.4582

■ 33.0647, 17.2087,
1.5789

■ 67.6817, 67.9295,
70.1915

■ 76.6118, 80.8614,
88.3618

■ 86.6428, 95.4849,
108.4716

■ 86.7648, 95.7288,
108.5123

Harmonies

Analogous

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



42.0292, 26.9114, 29.4226



39.5325, 26.9114, 13.7005



33.1694, 26.9114, 6.6809

Triad

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



39.5325, 26.9114, 13.7005



15.3981, 26.9114, 13.5752



25.5364, 26.9114, 89.3435

Complementary

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



39.5325, 26.9114, 13.7005



45.9630, 61.9954, 85.1446

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.



19.2442, 26.9114, 78.5388



39.5325, 26.9114, 13.7005



14.1017, 26.9114, 29.1816

Square

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



39.5325, 26.9114, 13.7005



19.3045, 26.9114, 6.6360



15.3681, 26.9114, 53.7129



33.0829, 26.9114, 78.7715

Rectangle

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



39.5325, 26.9114, 13.7005



28.0972, 26.9114, 5.0638



15.3681, 26.9114, 53.7129



23.2150, 26.9114, 88.0421

Sweetspot

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



39.5331, 26.9129, 13.7010



76.0833, 72.5129, 70.3729



50.7445, 30.5092, 75.4775



15.7234, 14.7053, 13.9272



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.



39.5331, 26.9129, 13.7010



45.4833, 27.7716, 9.4330



48.8061, 45.4589, 16.7920



14.4274, 14.4687, 14.9368



18.5600, 9.6941, 0.8929



1.3895, 0.7524, 0.0720

Inverse Universe

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



45.9630, 61.9954, 85.1446



54.1497, 75.2328, 106.2751



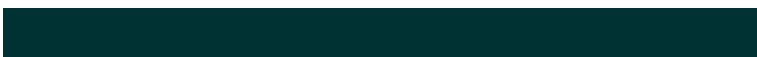
31.2554, 32.5802, 80.2421



14.7505, 16.2223, 18.4981



22.5874, 32.2369, 47.4150



1.6860, 2.4159, 3.5094

Previews

White Background



This preview shows how the XYZ color 39.5325, 26.9114, 13.7005 looks on a white background.

Color Contrast Check

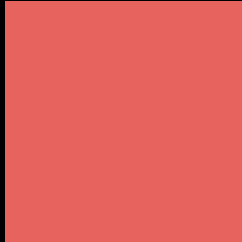
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5325, 26.9114, 13.7005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

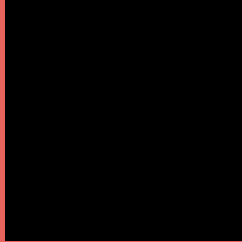
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5325, 26.9114, 13.7005

Background



This preview shows how black text looks on a background with the XYZ color 39.5325, 26.9114, 13.7005.



This preview shows how white text looks on a background with the XYZ color 39.5325, 26.9114,

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

39.5325, 26.9114, 13.7005

Protanopia

25.3601, 27.0952, 19.2225

Deuteranopia

27.5789, 27.0836, 13.0066



Tritanopia

40.1962, 26.9111, 16.4404

Trichromacy



Original Color

39.5325, 26.9114, 13.7005

Protanomaly

28.9616, 25.9020, 16.8377

Deuteranomaly

30.9207, 26.2416, 13.1083

Tritanomaly

40.0895, 27.0191, 15.4142

Monochromacy



Original Color

39.5325, 26.9114, 13.7005

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.7338, 24.5911, 21.6972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5325, 26.9114, 13.7005 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(231, 100, 94)` looks like.

```
.text, #text, p{  
    color:rgb(231, 100, 94)  
}
```

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(231, 100, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 100, 94) }
```

Border

The CSS property to change the border of an element to XYZ 39.5325, 26.9114, 13.7005 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(231, 100, 94) }
```


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

```
.border{ border-color:rgb(231, 100, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 100, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 100, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 100, 94);  
box-shadow:4px 4px 4px 4px rgb(231, 100,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5325, 26.9114, 13.7005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 100, 94) }
```

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

```
.background{ background-color: rgb(231,  
100, 94) }
```

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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