

Converting Colors

XYZ(37.9661, 24.7842, 6.9205)

Have a look what the booklet for
XYZ(37.9661, 24.7842, 6.9205)
contains.

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Color

**XYZ(37.9661, 24.7842,
6.9205)**

Conversions

Conversions Part 1

Format	Color
Hex	E9593B
RGB	233, 89, 59
RGB Percent	91%, 35%, 23%
CMY	0.0863, 0.6509, 0.7686
CMYK	0.00, 0.62, 0.75, 0.09
HSL	10°, 80%, 57%
HSV	10°, 75%, 91%
XYZ	37.9661, 24.7842, 6.9205
YIQ	128.6360, 95.4540, 21.1980

Conversions

Conversions Part 2

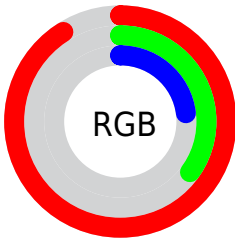
Format	Color
R_{YB}	233, 95, 59
Decimal	15292731
CIE _{Lab}	56.86, 54.16, 45.81
CIE _{LCh}	57, 70.939, 40.226
Yxy	24.7842, 0.5449, 0.3557
Android (android.graphics.Color)	4293482811 (0xFFE9593B)
YUV	128.6360, -34.3305, 91.5272
Hunter-Lab	49.7837, 49.0062, 26.6066

Details

The XYZ color **37.9661, 24.7842, 6.9205** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **37.8655, 49.5208, 84.6530**, and the grayscale version is **20.8329, 21.9178, 23.8685**.

A 20% lighter version of the original color is **53.9200, 42.2892, 19.5081**, and **17.1082, 9.5011, 1.2800** is the 20% darker color. If you saturate the color by 10%, you get **36.0911, 21.7954, 3.9500**, and if you desaturate by 10%, it is **40.5318, 28.7239, 11.4509**.

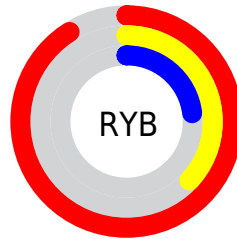
Distribution



Red (91%)

Green (35%)

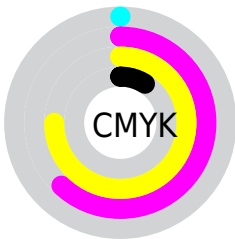
Blue (23%)



Red (91%)

Yellow (37%)

Blue (23%)

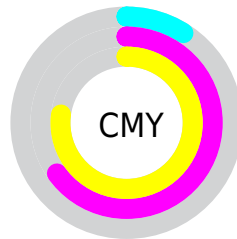


Cyan (0%)

Magenta (62%)

Yellow (75%)

Black (9%)



Cyan (9%)


Magenta (65%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9661, 24.7842, 6.9205 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 37.9661, 24.7842, 6.9205 by changing the saturation by 10% instead.

 37.9661, 24.7842,
6.9205


 37.9661, 24.7842,
6.9205


328.7579,
276.7615, 176.6073


 26.1335, 15.9163,
3.3347


 71.3604, 51.3069,
20.3232


 17.0567, 9.4650,
1.2680


 93.6528, 69.7306,
30.9773

 10.3705, 5.0457,
0.0353


 120.1625, 92.1083,
44.8245

 5.7094, 2.2741,
0.0000

 151.2548,
118.8245, 62.2835

 2.7082, 0.7599,
0.0000

 187.2952,
150.2635, 83.7727

 1.0014, 0.0000,
0.0000

 228.6489,

 0.0000, 0.0000,

186.8097, 109.7107

0.0000

275.6814,
228.8476, 140.5160

■ 37.9661, 24.7842,
6.9205

■ 37.9661, 24.7842,
6.9205

■ 36.0911, 21.7954,
3.9500

■ 40.5318, 28.7239,
11.4509

■ 34.8327, 19.6706,
2.3218


■ 43.8484, 33.6829,
17.7176


■ 34.3690, 18.8535,
1.8276


■ 47.9710, 39.7280,
25.8744


■ 52.9489, 46.9189,
36.0577

■ 58.8276, 55.3112,
48.3915

 65.6491, 64.9565,
62.9895

 73.4528, 75.9037,
79.9577

 82.2758, 88.1988,
99.3951

 87.4140, 96.0635,
108.5426

Harmonies

Analogous

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



43.0155, 24.7842, 19.6563



37.9661, 24.7842, 6.9205



29.3798, 24.7842, 2.7772

Triad

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



37.9661, 24.7842, 6.9205



11.5023, 24.7842, 14.2867



26.5056, 24.7842, 101.6041

Complementary

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



37.9661, 24.7842, 6.9205



37.8655, 49.5208, 84.6530

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.



18.5587, 24.7842, 96.9122



37.9661, 24.7842, 6.9205



11.0811, 24.7842, 35.9425

Square

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



37.9661, 24.7842, 6.9205



14.6788, 24.7842, 4.9681



13.3505, 24.7842, 68.5829



35.4418, 24.7842, 79.0983

Rectangle

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



37.9661, 24.7842, 6.9205



23.4936, 24.7842, 2.2264



13.3505, 24.7842, 68.5829



23.6197, 24.7842, 103.3710

Sweetspot

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



37.9667, 24.7856, 6.9209



74.2335, 70.7716, 63.7197



46.0671, 24.8112, 59.4876



15.4268, 14.4922, 12.6564



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.



37.9667, 24.7856, 6.9209



43.3158, 25.1221, 3.5143



49.7235, 48.2992, 10.8398



15.2754, 15.4739, 15.7004



19.5636, 10.8215, 1.0576



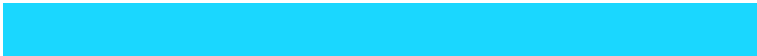
1.5975, 0.9724, 0.1035

Inverse Universe

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



37.8655, 49.5208, 84.6530



42.8709, 56.2482, 103.2052



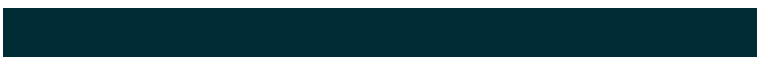
22.8730, 19.5357, 79.6555



15.2838, 16.6541, 19.3313



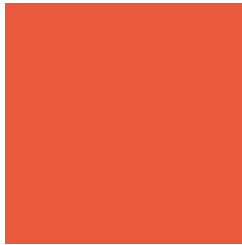
19.2242, 25.0954, 47.5736



1.5678, 2.0870, 3.7551

Previews

White Background



This preview shows how the XYZ color 37.9661, 24.7842, 6.9205 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 37.9661, 24.7842, 6.9205 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 37.9661, 24.7842, 6.9205

Background



This preview shows how black text looks on a background with the XYZ color 37.9661, 24.7842, 6.9205.



This preview shows how white text looks on a background with the XYZ color 37.9661, 24.7842,

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

37.9661, 24.7842, 6.9205

Protanopia

22.9442, 24.9650, 10.0880

Deuteranopia

25.3316, 24.8449, 6.3662



Tritanopia

39.0256, 24.7276, 12.3889

Trichromacy



Original Color

37.9661, 24.7842, 6.9205

Protanomaly

26.8467, 23.6864, 8.7872

Deuteranomaly

29.0215, 23.9878, 6.4687

Tritanomaly

38.6708, 24.7125, 10.1290

Monochromacy



Original Color

37.9661, 24.7842, 6.9205

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.4524, 21.2496, 15.9095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9661, 24.7842, 6.9205 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(233, 89, 59)` looks like.

```
.text, #text, p{  
    color:rgb(233, 89, 59)  
}
```

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(233, 89, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 89, 59) }
```

Border

The CSS property to change the border of an element to XYZ 37.9661, 24.7842, 6.9205 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(233, 89, 59) }
```


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

```
.border{ border-color:rgb(233, 89, 59) }
```

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

Here you see how a box with a 4 pixel rgb(233, 89, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 89, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 89, 59);  
box-shadow:4px 4px 4px 4px rgb(233, 89,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9661, 24.7842, 6.9205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 89, 59) }
```

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

```
.background{ background-color: rgb(233, 89,  
59) }
```

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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