

Converting Colors

XYZ(35.6671, 23.8058, 7.1892)

Have a look what the booklet for
XYZ(35.6671, 23.8058, 7.1892)
contains.

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Color

**XYZ(35.6347, 23.8266,
7.1357)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E15B3D |
| RGB | 225, 91, 61 |
| RGB Percent | 88%, 36%, 24% |
| CMY | 0.1176, 0.6431, 0.7608 |
| CMYK | 0.00, 0.60, 0.73, 0.12 |
| HSL | 11°, 73%, 56% |
| HSV | 11°, 73%, 88% |
| XYZ | 35.6347, 23.8266, 7.1357 |
| YIQ | 127.6460, 89.4940, 19.0780 |

Conversions

Conversions Part 2

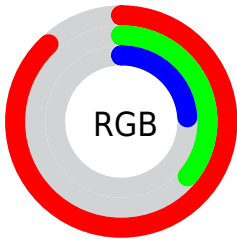
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 225, 98, 61 |
| Decimal | 14768957 |
| CIE Lab | 55.91, 50.56, 43.35 |
| CIE LCh | 56, 66.605, 40.611 |
| Yxy | 23.8266, 0.5351, 0.3578 |
| Android (android.graphics.Color) | 4292959037 (0xFFE15B3D) |
| YUV | 127.6460, -32.8565, 85.3795 |
| Hunter-Lab | 48.8125, 44.8889, 25.5014 |

Details

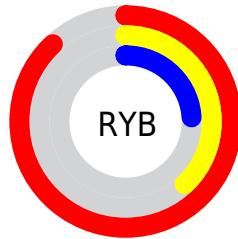
The XYZ color **35.6347, 23.8266, 7.1357** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **35.0284, 45.4550, 78.1612**, and the grayscale version is **20.4845, 21.5513, 23.4694**.

A 20% lighter version of the original color is **54.1799, 42.6366, 20.1259**, and **15.7915, 9.0231, 1.3613** is the 20% darker color. If you saturate the color by 10%, you get **33.7671, 20.8666, 4.1243**, and if you desaturate by 10%, it is **38.1423, 27.6607, 11.6141**.

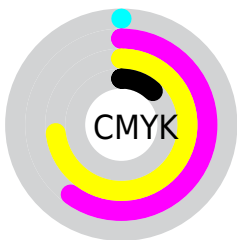
Distribution



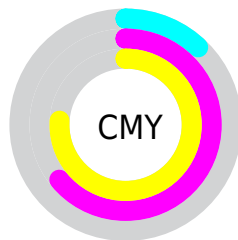
- Red (88%)
- Green (36%)
- Blue (24%)



- Red (88%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (12%)



- Cyan (12%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6347, 23.8266, 7.1357 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 35.6347, 23.8266, 7.1357 by changing the saturation by 10% instead.


 35.6347, 23.8266,
7.1357


 35.6347, 23.8266,
7.1357

318.8202,
271.9427, 178.4600


 24.3210, 15.2050,
3.4674


 67.7954, 49.7471,
20.7632

 15.6979, 8.9634,
1.3380


 89.3732, 67.8148,
31.5594


 9.4001, 4.7173,
0.0926


 115.1030, 89.8000,
45.5687

 5.0623, 2.0824,
0.0000

 145.3502,
116.0872, 63.2096

 2.3190, 0.6547,
0.0000

 180.4801,
147.0606, 84.9007

 0.8044, 0.0000,
0.0000

 220.8582,

 0.0000, 0.0000,

183.1047, 111.0604

0.0000

266.8498,
224.6040, 142.1073

■ 35.6347, 23.8266,
7.1357

■ 35.6347, 23.8266,
7.1357

■ 33.7671, 20.8666,
4.1243

■ 38.1423, 27.6607,
11.6141

■ 32.4751, 18.7058,
2.3892


■ 41.3425, 32.4276,
17.7161


■ 31.8499, 17.6050,
1.7194


■ 45.2836, 38.1855,
25.5792


■ 50.0095, 44.9866,
35.3260

■ 55.5602, 52.8794,
47.0681

 61.9732, 61.9094,
60.9083

 69.2834, 72.1193,
76.9424

 77.5241, 83.5498,
95.2602

 84.8611, 94.7474,
108.4232

Harmonies

Analogous

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



40.2389, 23.8266, 18.9808



35.6347, 23.8266, 7.1357



27.8467, 23.8266, 3.1140

Triad

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



35.6347, 23.8266, 7.1357



11.4786, 23.8266, 14.3917



25.4424, 23.8266, 92.5525

Complementary

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



35.6347, 23.8266, 7.1357



35.0284, 45.4550, 78.1612

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.



18.1377, 23.8266, 88.7394



35.6347, 23.8266, 7.1357



11.1149, 23.8266, 34.4285

Square

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



35.6347, 23.8266, 7.1357



14.4112, 23.8266, 5.3881



13.2737, 23.8266, 63.7821



33.5399, 23.8266, 72.3841

Rectangle

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



35.6347, 23.8266, 7.1357



22.4911, 23.8266, 2.5724



13.2737, 23.8266, 63.7821



22.8026, 23.8266, 94.2262

Sweetspot

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



35.6352, 23.8279, 7.1361



74.3781, 71.0607, 63.7679



42.8745, 23.4069, 55.4827



15.4603, 14.5592, 12.6676



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.



35.6352, 23.8279, 7.1361



43.9482, 26.2339, 4.1972



46.3307, 45.2189, 10.7013



13.9091, 14.1041, 14.2961



18.4149, 10.2678, 1.0113



1.3365, 0.8318, 0.0901

Inverse Universe

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



35.0284, 45.4550, 78.1612



42.8319, 55.8455, 103.1295



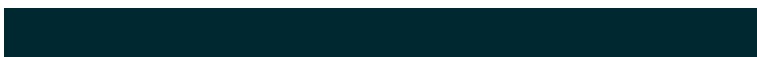
21.7221, 18.8425, 73.7258



13.8922, 15.1235, 17.5746



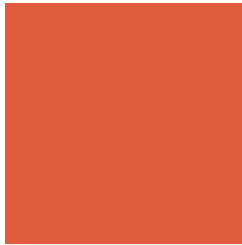
17.7679, 23.0053, 44.5524



1.2877, 1.7069, 3.1068

Previews

White Background



This preview shows how the XYZ color 35.6347, 23.8266, 7.1357 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 35.6347, 23.8266, 7.1357 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 35.6347, 23.8266, 7.1357

Background



This preview shows how black text looks on a background with the XYZ color 35.6347, 23.8266, 7.1357.



This preview shows how white text looks on a background with the XYZ color 35.6347, 23.8266,

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

35.6347, 23.8266, 7.1357

Protanopia

22.1467, 24.1318, 10.1473

Deuteranopia

24.2981, 23.9109, 6.7028



Tritanopia

36.7040, 23.7578, 12.7764

Trichromacy



Original Color

35.6347, 23.8266, 7.1357

Protanomaly

25.6068, 22.8660, 8.8583

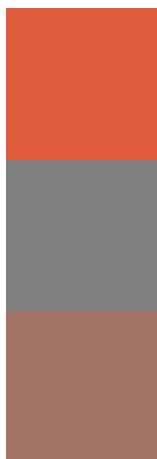
Deuteranomaly

27.5836, 23.2384, 6.7730

Tritanomaly

36.3390, 23.7423, 10.4520

Monochromacy



Original Color

35.6347, 23.8266, 7.1357

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.7337, 21.0475, 15.9084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6347, 23.8266, 7.1357 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, 91, 61)` looks like.

```
.text, #text, p{  
    color:rgb(225, 91, 61)  
}
```

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, 91, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 91, 61) }
```

Border

The CSS property to change the border of an element to XYZ 35.6347, 23.8266, 7.1357 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, 91, 61) }
```


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

```
.border{ border-color:rgb(225, 91, 61) }
```

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

Here you see how a box with a 4 pixel rgb(225, 91, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 91, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 91, 61);  
box-shadow:4px 4px 4px 4px rgb(225, 91,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6347, 23.8266, 7.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 91, 61) }
```

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

```
.background{ background-color: rgb(225, 91,  
61) }
```

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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