

Converting Colors

XYZ(35.9523, 23.7993, 7.2620)

Have a look what the booklet for
XYZ(35.9523, 23.7993, 7.2620)
contains.

XYZ(35.8897, 23.8289, 7.2653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.8897, 23.8289,
7.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	E25A3E
RGB	226, 90, 62
RGB Percent	89%, 35%, 24%
CMY	0.1137, 0.6470, 0.7569
CMYK	0.00, 0.60, 0.73, 0.11
HSL	10°, 74%, 56%
HSV	10°, 73%, 89%
XYZ	35.8897, 23.8289, 7.2653
YIQ	127.4720, 90.0440, 20.1240

Conversions

Conversions Part 2

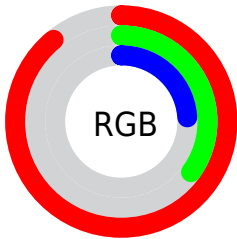
Format	Color
R_{YB}	226, 96, 62
Decimal	14834238
CIE _{Lab}	55.92, 51.41, 42.87
CIE _{LCh}	56, 66.941, 39.826
Yxy	23.8289, 0.5358, 0.3557
Android (android.graphics.Color)	4293024318 (0xFFE25A3E)
YUV	127.4720, -32.2777, 86.4091
Hunter-Lab	48.8149, 45.8109, 25.3460

Details

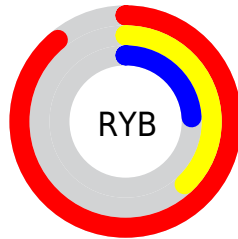
The XYZ color **35.8897, 23.8289, 7.2653** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **35.9063, 46.8996, 79.1110**, and the grayscale version is **20.4223, 21.4859, 23.3981**.

A 20% lighter version of the original color is **54.2346, 42.6585, 20.4144**, and **15.9472, 9.0176, 1.3903** is the 20% darker color. If you saturate the color by 10%, you get **34.0070, 20.8585, 4.1882**, and if you desaturate by 10%, it is **38.4296, 27.7020, 11.8331**.

Distribution



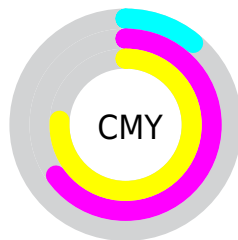
- Red (89%)
- Green (35%)
- Blue (24%)



- Red (89%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (11%)





- Cyan (11%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8897, 23.8289, 7.2653 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 35.8897, 23.8289, 7.2653 by changing the saturation by 10% instead.

 35.8897, 23.8289,
7.2653


 35.8897, 23.8289,
7.2653


319.9178,
271.9543, 179.5640


 24.5187, 15.2067,
3.5476


 68.1868, 49.7508,
21.0269

 15.8457, 8.9646,
1.3806


 89.8436, 67.8194,
31.9078


 9.5052, 4.7181,
0.1265


 115.6597, 89.8056,
46.0136

 5.1319, 2.0828,
0.0000

 146.0006,
116.0938, 63.7628

 2.3604, 0.6549,
0.0000

 181.2314,
147.0683, 85.5739

 0.8253, 0.0000,
0.0000

 221.7177,

 0.0000, 0.0000,

183.1137, 111.8654

0.0000

267.8247,
224.6142, 143.0559

■ 35.8897, 23.8289,
7.2653

■ 35.8897, 23.8289,
7.2653

■ 34.0070, 20.8585,
4.1882

■ 38.4296, 27.7020,
11.8331

■ 32.7151, 18.7119,
2.4097

■ 41.6810, 32.5399,
18.0495


■ 32.0761, 17.5933,
1.7052


■ 45.6941, 38.4037,
26.0535


■ 50.5139, 45.3483,
35.9690

■ 56.1821, 53.4246,
47.9088

 62.7373, 62.6803,
61.9769

 70.2156, 73.1604,
78.2703

 78.6513, 84.9075,
96.8797

 85.1738, 94.9086,
108.4378

Harmonies

Analogous

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



40.4011, 23.8289, 19.4146



35.8897, 23.8289, 7.2653



28.0952, 23.8289, 3.1135

Triad

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



35.8897, 23.8289, 7.2653



11.4790, 23.8289, 13.9841



25.2461, 23.8289, 93.2838

Complementary

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



35.8897, 23.8289, 7.2653



35.9063, 46.8996, 79.1110

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.



17.9558, 23.8289, 88.7554



35.8897, 23.8289, 7.2653



11.0490, 23.8289, 33.7981

Square

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



35.8897, 23.8289, 7.2653



14.4910, 23.8289, 5.2044



13.1455, 23.8289, 63.2379



33.4058, 23.8289, 73.4492

Rectangle

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



35.8897, 23.8289, 7.2653



22.6932, 23.8289, 2.5275



13.1455, 23.8289, 63.2379



22.6041, 23.8289, 94.7376

Sweetspot

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



35.8902, 23.8302, 7.2657



74.2104, 70.7254, 63.7120



43.3566, 23.7221, 56.1236



15.4214, 14.4815, 12.6546



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.



35.8902, 23.8302, 7.2657



43.7722, 25.8819, 4.1385



46.8593, 45.7683, 10.9220



13.8955, 14.0769, 14.2915



18.3587, 10.1553, 0.9926



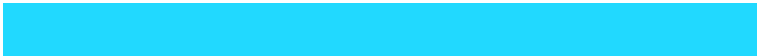
1.3301, 0.8190, 0.0880

Inverse Universe

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



35.9063, 46.8996, 79.1110



43.5239, 57.2296, 103.3602



22.0366, 19.1603, 74.4878



13.9070, 15.1531, 17.5795



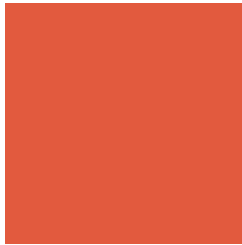
18.0952, 23.6600, 44.6615



1.3076, 1.7466, 3.1135

Previews

White Background



This preview shows how the XYZ color 35.8897, 23.8289, 7.2653 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 35.8897, 23.8289, 7.2653 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 35.8897, 23.8289, 7.2653

Background



This preview shows how black text looks on a background with the XYZ color 35.8897, 23.8289, 7.2653.



This preview shows how white text looks on a background with the XYZ color 35.8897, 23.8289,

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

35.8897, 23.8289, 7.2653

Protanopia

22.1812, 24.1456, 10.3290

Deuteranopia

24.3214, 23.9202, 6.8252



Tritanopia

36.9381, 23.7592, 12.7643

Trichromacy



Original Color

35.8897, 23.8289, 7.2653

Protanomaly

25.6387, 22.8787, 9.0260

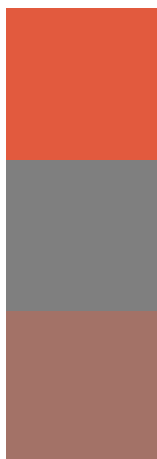
Deuteranomaly

27.4949, 23.0214, 6.8653

Tritanomaly

36.5720, 23.7414, 10.4396

Monochromacy



Original Color

35.8897, 23.8289, 7.2653

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.5698, 20.8004, 15.6046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8897, 23.8289, 7.2653 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(226, 90, 62)` looks like.

```
.text, #text, p{  
    color:rgb(226, 90, 62)  
}
```

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(226, 90, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 90, 62) }
```

Border

The CSS property to change the border of an element to XYZ 35.8897, 23.8289, 7.2653 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(226, 90, 62) }
```


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

```
.border{ border-color:rgb(226, 90, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 90, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 90, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 90, 62);  
box-shadow:4px 4px 4px 4px rgb(226, 90,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8897, 23.8289, 7.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 90, 62) }
```

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

```
.background{ background-color: rgb(226, 90,  
62) }
```

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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