

Converting Colors

XYZ(34.1835, 23.2841, 11.2248)

Have a look what the booklet for
XYZ(34.1835, 23.2841, 11.2248)
contains.

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Color

**XYZ(34.1693, 23.2363,
11.2785)**

Conversions

Conversions Part 1

Format	Color
Hex	D95D55
RGB	217, 93, 85
RGB Percent	85%, 36%, 33%
CMY	0.1490, 0.6353, 0.6667
CMYK	0.00, 0.57, 0.61, 0.15
HSL	4°, 63%, 59%
HSV	4°, 61%, 85%
XYZ	34.1693, 23.2363, 11.2785
YIQ	129.1640, 76.4720, 23.8000

Conversions

Conversions Part 2

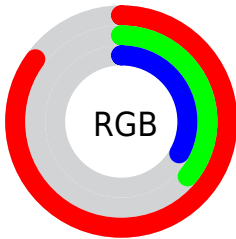
Format	Color
R_{YB}	217, 94, 85
Decimal	14245205
CIE Lab	55.31, 48.13, 29.03
CIE LCh	55, 56.209, 31.094
Yxy	23.2363, 0.4975, 0.3383
Android (android.graphics.Color)	4292435285 (0xFFD95D55)
YUV	129.1640, -21.7729, 77.0322
Hunter-Lab	48.2040, 42.1721, 19.8705

Details

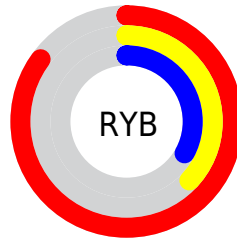
The XYZ color **34.1693, 23.2363, 11.2785** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **39.0694, 52.5384, 73.7270**, and the grayscale version is **20.9798, 22.0723, 24.0368**.

A 20% lighter version of the original color is **56.0469, 43.8767, 28.4367**, and **14.7864, 8.6073, 2.8895** is the 20% darker color. If you saturate the color by 10%, you get **31.8787, 19.8297, 6.8942**, and if you desaturate by 10%, it is **37.2021, 27.7047, 17.2143**.

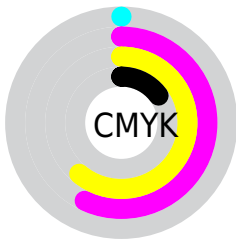
Distribution



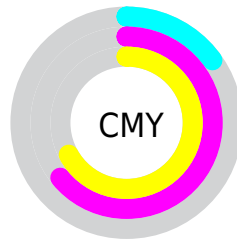
- Red (85%)
- Green (36%)
- Blue (33%)



- Red (85%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (57%)
- Yellow (61%)
- Black (15%)





- Cyan (15%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1693, 23.2363, 11.2785 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 34.1693, 23.2363, 11.2785 by changing the saturation by 10% instead.


 34.1693, 23.2363,
11.2785


 34.1693, 23.2363,
11.2785


312.4589,
268.9364, 210.3739


 23.1872, 14.7681,
6.1380


 65.5394, 48.7810,
28.8185

 14.8532, 8.6568,
2.8590


 86.6581, 66.6264,
42.0550


 8.8021, 4.5180,
1.0231


 111.8864, 88.3662,
58.8273

 4.6684, 1.9673,
0.0000

 141.5896,
114.3849, 79.5539

 2.0868, 0.5884,
0.0000

 176.1331,
145.0668, 104.6533

 0.6820, 0.0000,
0.0000

215.8823,

 0.0000, 0.0000,

180.7965, 134.5441

0.0000

261.2024,
221.9582, 169.6448

■ 34.1693, 23.2363,
11.2785

■ 34.1693, 23.2363,
11.2785

■ 31.8787, 19.8297,
6.8942

■ 37.2021, 27.7047,
17.2143

■ 30.2647, 17.3934,
3.9154

■ 41.0319, 33.3088,
24.8273

■ 29.2531, 15.8271,
2.1703

■ 45.7101, 40.1205,
34.2316

■ 28.7611, 15.0436,
1.3878

■ 51.2834, 48.2047,
45.5310

■ 57.7953, 57.6214,
58.8213

■ 65.2860, 68.4270,
74.1920

■ 73.7939, 80.6748,
91.7271

■ 82.4251, 93.4916,
108.3092

Harmonies

Analogous

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



36.5481, 23.2363, 24.6434



34.1693, 23.2363, 11.2785



28.4744, 23.2363, 5.4597

Triad

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



34.1693, 23.2363, 11.2785



13.0866, 23.2363, 11.9617



22.3176, 23.2363, 78.2633

Complementary

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



34.1693, 23.2363, 11.2785



39.0694, 52.5384, 73.7270

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.



16.7316, 23.2363, 69.4525



34.1693, 23.2363, 11.2785



12.0518, 23.2363, 25.9690

Square

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



34.1693, 23.2363, 11.2785



16.4007, 23.2363, 5.7016



13.2505, 23.2363, 47.7836



28.9519, 23.2363, 68.1612

Rectangle

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



34.1693, 23.2363, 11.2785



24.0145, 23.2363, 4.1720



13.2505, 23.2363, 47.7836



20.2625, 23.2363, 77.3919

Sweetspot

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



34.1699, 23.2376, 11.2789



76.2756, 72.8975, 70.4370



43.5464, 25.9219, 63.9423



15.7692, 14.7968, 13.9424



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.



34.1699, 23.2376, 11.2789



45.1886, 27.4459, 8.5217



42.4136, 39.7250, 14.0268



13.1191, 13.1776, 13.5777



17.4364, 9.1583, 0.8487



1.1524, 0.6390, 0.0626

Inverse Universe

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



39.0694, 52.5384, 73.7270



52.7567, 73.0058, 105.9187



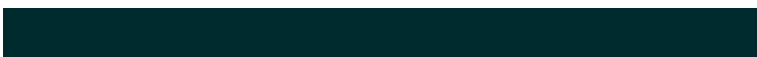
26.3047, 27.0091, 69.4721



13.3737, 14.6872, 16.7822



20.6578, 29.1851, 44.2829



1.3593, 1.9327, 2.8758

Previews

White Background



This preview shows how the XYZ color 34.1693, 23.2363, 11.2785 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 34.1693, 23.2363, 11.2785 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 34.1693, 23.2363, 11.2785

Background



This preview shows how black text looks on a background with the XYZ color 34.1693, 23.2363, 11.2785.



This preview shows how white text looks on a background with the XYZ color 34.1693, 23.2363,

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

34.1693, 23.2363, 11.2785

Protanopia

21.8918, 23.4654, 15.6874

Deuteranopia

23.6986, 23.3203, 10.6494



Tritanopia

34.8122, 23.2507, 13.9623

Trichromacy



Original Color

34.1693, 23.2363, 11.2785

Protanomaly

24.9062, 22.2181, 13.8023

Deuteranomaly

26.6720, 22.6793, 10.7564

Tritanomaly

34.7164, 23.3500, 13.0332

Monochromacy



Original Color

34.1693, 23.2363, 11.2785

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.9240, 21.2601, 18.4655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1693, 23.2363, 11.2785 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(217, 93, 85)` looks like.

```
.text, #text, p{  
  color:rgb(217, 93, 85)  
}
```

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(217, 93, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 93, 85) }
```

Border

The CSS property to change the border of an element to XYZ 34.1693, 23.2363, 11.2785 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(217, 93, 85) }
```


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

```
.border{ border-color:rgb(217, 93, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 93, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 93, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 93, 85);  
box-shadow:4px 4px 4px 4px rgb(217, 93,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1693, 23.2363, 11.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 93, 85) }
```

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

```
.background{ background-color: rgb(217, 93,  
85) }
```

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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