

Converting Colors

XYZ(25.1831, 13.6352, 4.6634)

Have a look what the booklet for
XYZ(25.1831, 13.6352, 4.6634)
contains.

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Color

**XYZ(25.2200, 13.6545,
4.6745)**

Conversions

Conversions Part 1

Format	Color
Hex	C91F35
RGB	201, 31, 53
RGB Percent	79%, 12%, 21%
CMY	0.2118, 0.8784, 0.7922
CMYK	0.00, 0.85, 0.74, 0.21
HSL	352°, 73%, 45%
HSV	352°, 85%, 79%
XYZ	25.2200, 13.6545, 4.6745
YIQ	84.3380, 94.2580, 42.8820

Conversions

Conversions Part 2

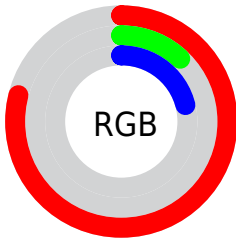
Format	Color
R_{YB}	201, 31, 53
Decimal	13180725
CIE _{Lab}	43.73, 63.83, 32.96
CIE _{LCh}	44, 71.832, 27.311
Yxy	13.6545, 0.5791, 0.3135
Android (android.graphics.Color)	4291370805 (0xFFC91F35)
YUV	84.3380, -15.4496, 102.3126
Hunter-Lab	36.9520, 57.1615, 18.3661

Details

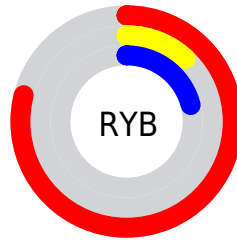
The XYZ color **25.2200, 13.6545, 4.6745** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **29.5904, 45.3200, 49.8444**, and the grayscale version is **8.5157, 8.9592, 9.7565**.

A 20% lighter version of the original color is **47.7231, 30.5458, 15.4372**, and **10.5360, 5.4252, 0.7790** is the 20% darker color. If you saturate the color by 10%, you get **24.5168, 12.7792, 2.8038**, and if you desaturate by 10%, it is **26.3976, 15.2439, 7.4286**.

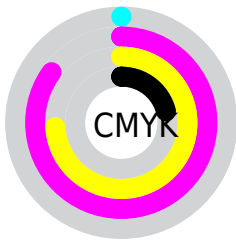
Distribution



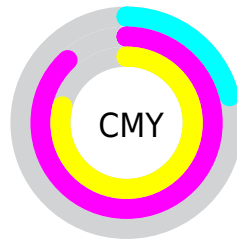
- Red (79%)
- Green (12%)
- Blue (21%)



- Red (79%)
- Yellow (12%)
- Blue (21%)



- Cyan (0%)
- Magenta (85%)
- Yellow (74%)
- Black (21%)





- Cyan (21%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2200, 13.6545, 4.6745 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 25.2200, 13.6545, 4.6745 by changing the saturation by 10% instead.


 25.2200, 13.6545,
4.6745


 25.2200, 13.6545,
4.6745


271.2593,
215.0707, 155.4509


 16.3706, 7.8808,
2.0022


 51.4542, 32.4747,
15.5377


 9.8793, 4.0187,
0.5566


 69.5698, 46.2900,
24.5657

 5.3807, 1.6841,
0.0000

 91.5048, 63.5546,
36.5493

 2.5093, 0.4133,
0.0000

 117.6247, 84.6528,
51.9071

 0.9000, 0.0000,
0.0000

 148.2947,
109.9692, 71.0576

 0.0000, 0.0000,
0.0000

 183.8802,

139.8880, 94.4194

224.7466,
174.7937, 122.4110

■ 25.2200, 13.6545,
4.6745

■ 25.2200, 13.6545,
4.6745

■ 24.5168, 12.7792,
2.8038

■ 26.3976, 15.2439,
7.4286

■ 24.2737, 12.4920,
2.1088

■ 28.1158, 17.6562,
11.1589

■ 30.4312, 20.9842,
15.9467

■ 33.3926, 25.3076,
21.8645

■ 37.0439, 30.6975,
28.9785

■ 41.4252, 37.2184,
37.3497

■ 46.5733, 44.9297,
47.0349

■ 52.5227, 53.8866,
58.0874

■ 59.3057, 64.1410,
70.5576

Harmonies

Analogous

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



27.1334, 13.6545, 16.3753



25.2200, 13.6545, 4.6745



19.7731, 13.6545, 1.0473

Triad

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



25.2200, 13.6545, 4.6745



5.8148, 13.6545, 3.6003



12.4752, 13.6545, 72.6203

Complementary

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



25.2200, 13.6545, 4.6745



29.5904, 45.3200, 49.8444

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.



7.9512, 13.6545, 59.4253



25.2200, 13.6545, 4.6745



4.8707, 13.6545, 13.4551

Square

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



25.2200, 13.6545, 4.6745



8.6051, 13.6545, 0.8094



5.5215, 13.6545, 34.1957



18.6272, 13.6545, 63.1777

Rectangle

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



25.2200, 13.6545, 4.6745



15.5135, 13.6545, 0.3723



5.5215, 13.6545, 34.1957



10.7354, 13.6545, 70.5515

Sweetspot

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



25.2203, 13.6553, 4.6747



70.2917, 62.7773, 62.7469



29.4701, 14.7026, 56.5427



14.4495, 12.5486, 12.2966



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.



25.2203, 13.6553, 4.6747



41.5142, 21.3697, 3.3740



28.2794, 20.4057, 3.7457



10.6888, 10.6589, 11.3444



15.2816, 7.8622, 1.4268



0.7424, 0.3798, 0.1668

Inverse Universe

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



25.2203, 13.6553, 4.6747



41.5142, 21.3697, 3.3740



20.2934, 22.8791, 58.6046



10.6888, 10.6589, 11.3444



15.2816, 7.8622, 1.4268



0.7424, 0.3798, 0.1668

Previews

White Background



This preview shows how the XYZ color 25.2200, 13.6545, 4.6745 looks on a white background.

Color Contrast Check

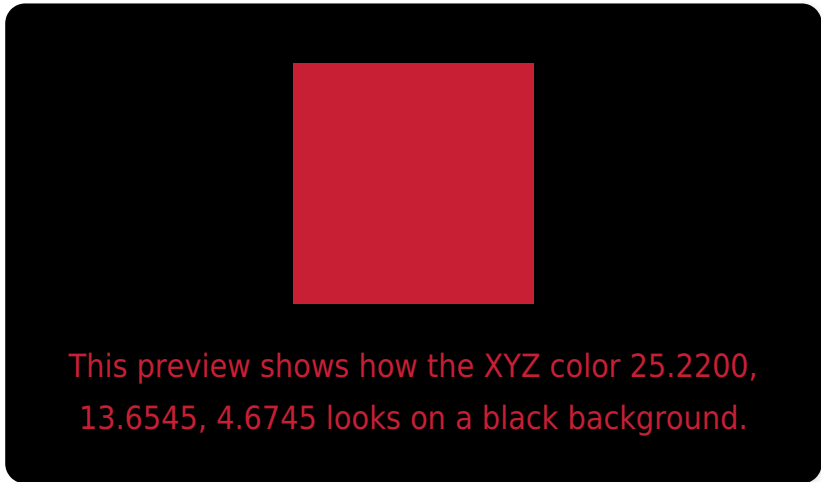
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 25.2200, 13.6545, 4.6745

Background



This preview shows how black text looks on a background with the XYZ color 25.2200, 13.6545, 4.6745.



This preview shows how white text looks on a background with the XYZ color 25.2200, 13.6545,

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

25.2200, 13.6545, 4.6745

Protanopia

12.9720, 13.8812, 9.0168

Deuteranopia

14.1038, 13.8439, 4.2143



Tritanopia

24.9772, 13.7351, 2.8481

Trichromacy



Original Color

25.2200, 13.6545, 4.6745

Protanomaly

15.1989, 11.6544, 6.9173

Deuteranomaly

16.6722, 12.1707, 4.1598

Tritanomaly

25.0597, 13.7217, 3.4256

Monochromacy



Original Color

25.2200, 13.6545, 4.6745

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

11.8453, 8.7737, 7.3725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2200, 13.6545, 4.6745 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(201, 31, 53)` looks like.

```
.text, #text, p{  
    color:rgb(201, 31, 53)  
}
```

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(201, 31, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 31, 53) }
```

Border

The CSS property to change the border of an element to XYZ 25.2200, 13.6545, 4.6745 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(201, 31, 53) }
```


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

```
.border{ border-color:rgb(201, 31, 53) }
```

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

Here you see how a box with a 4 pixel rgb(201, 31, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 31, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 31, 53);  
box-shadow:4px 4px 4px 4px rgb(201, 31,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2200, 13.6545, 4.6745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 31, 53) }
```

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

```
.background{ background-color: rgb(201, 31,  
53) }
```

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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