

Converting Colors

XYZ(25.8896, 13.2962, 3.4874)

Have a look what the booklet for
XYZ(25.8896, 13.2962, 3.4874)
contains.

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Color

**XYZ(25.8896, 13.2962,
3.4874)**

Conversions

Conversions Part 1

Format	Color
Hex	CE002B
RGB	206, 0, 43
RGB Percent	81%, 0%, 17%
CMY	0.1922, 0.9998, 0.8314
CMYK	0.00, 1.00, 0.79, 0.19
HSL	347°, 100%, 40%
HSV	347°, 100%, 81%
XYZ	25.8896, 13.2962, 3.4874
YIQ	66.4960, 108.9730, 57.0450

Conversions

Conversions Part 2

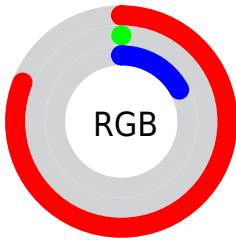
Format	Color
R_{YB}	206, 0, 43
Decimal	13500459
CIE Lab	43.21, 68.92, 38.56
CIE LCh	43, 78.972, 29.231
Yxy	13.2962, 0.6067, 0.3116
Android (android.graphics.Color)	4291690539 (0xFFCE002B)
YUV	66.4960, -11.5835, 122.3450
Hunter-Lab	36.4640, 62.9240, 19.8543

Details

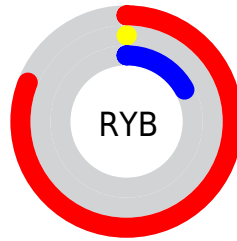
The XYZ color **25.8896, 13.2962, 3.4874** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **28.6862, 46.7883, 42.1891**, and the grayscale version is **5.2650, 5.5392, 6.0322**.

A 20% lighter version of the original color is **46.3710, 28.6368, 12.5346**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.8888, 13.2959, 3.4841**, and if you desaturate by 10%, it is **26.5123, 13.9639, 5.4770**.

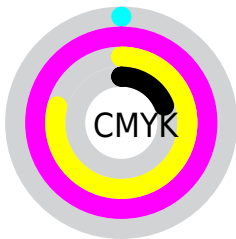
Distribution



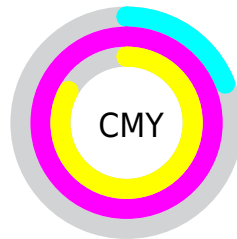
- Red (81%)
- Green (0%)
- Blue (17%)



- Red (81%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8896, 13.2962, 3.4874 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 25.8896, 13.2962, 3.4874 by changing the saturation by 10% instead.


 25.8896, 13.2962,
3.4874


 25.8896, 13.2962,
3.4874


274.5064,
212.8073, 142.3450


 16.8733, 7.6328,
1.3486


 52.5294, 31.8349,
12.8091


 10.2390, 3.8609,
0.1011


 70.8835, 45.4790,
20.8292

 5.6212, 1.5961,
0.0000

 93.0811, 62.5522,
31.6466

 2.6546, 0.3549,
0.0000

 119.4873, 83.4388,
45.6801

 0.9738, 0.0000,
0.0000

 150.4676,
108.5232, 63.3482

 0.0000, 0.0000,
0.0000

 186.3873,

138.1898, 85.0693

227.6118,
172.8231, 111.2621

■ 25.8896, 13.2962,
3.4874

■ 25.8896, 13.2962,
3.4874

■ 25.8888, 13.2959,
3.4841

■ 26.5123, 13.9639,
5.4770

■ 27.5456, 15.2408,
8.2560

■ 29.0953, 17.3210,
11.9145

■ 31.2223, 20.3105,
16.5217

■ 33.9787, 24.2990,
22.1399

■ 37.4106, 29.3653,
28.8255

■ 41.5597, 35.5803,
36.6308

■ 46.4643, 43.0088,
45.6046

■ 52.1598, 51.7109,
55.7927

Harmonies

Analogous

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



28.3732, 13.2962, 14.9330



25.8896, 13.2962, 3.4874



19.6399, 13.2962, 0.4641

Triad

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



25.8896, 13.2962, 3.4874



4.9997, 13.2962, 3.1936



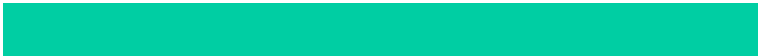
12.4808, 13.2962, 80.7658

Complementary

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



25.8896, 13.2962, 3.4874



28.6862, 46.7883, 42.1891

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.



7.5357, 13.2962, 66.7916



25.8896, 13.2962, 3.4874



4.1620, 13.2962, 14.0310

Square

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



25.8896, 13.2962, 3.4874



7.7306, 13.2962, 0.3900



4.9153, 13.2962, 37.8648



19.2762, 13.2962, 68.0493

Rectangle

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



25.8896, 13.2962, 3.4874



14.9590, 13.2962, 0.0000



4.9153, 13.2962, 37.8648



10.5698, 13.2962, 78.9281

Sweetspot

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



25.8899, 13.2970, 3.4876



67.0490, 57.2157, 58.8177



25.9146, 12.0732, 59.3565



13.7101, 11.2833, 11.3921



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.



25.8899, 13.2970, 3.4876



41.8869, 21.5188, 5.3366



26.9868, 16.1881, 1.7035



11.3065, 11.2513, 12.1484



15.9706, 8.1988, 2.2977



0.8523, 0.4343, 0.2680

Inverse Universe

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



25.8899, 13.2970, 3.4876



41.8869, 21.5188, 5.3366



21.6753, 25.5251, 62.1764



11.3065, 11.2513, 12.1484



15.9706, 8.1988, 2.2977



0.8523, 0.4343, 0.2680

Previews

White Background



This preview shows how the XYZ color 25.8896, 13.2962, 3.4874 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 25.8896, 13.2962, 3.4874

Background



This preview shows how black text looks on a background with the XYZ color 25.8896, 13.2962, 3.4874.



This preview shows how white text looks on a background with the XYZ color 25.8896, 13.2962,

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

25.8896, 13.2962, 3.4874

Protanopia

12.8731, 13.8714, 7.1532

Deuteranopia

14.0437, 13.8377, 3.0932



Tritanopia

25.6918, 13.5632, 1.3787

Trichromacy



Original Color

25.8896, 13.2962, 3.4874

Protanomaly

14.7446, 10.4050, 5.2342

Deuteranomaly

16.1668, 10.9396, 2.7728

Tritanomaly

25.6825, 13.4048, 1.8060

Monochromacy



Original Color

25.8896, 13.2962, 3.4874

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

9.0988, 5.8848, 4.6593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8896, 13.2962, 3.4874 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(206, 0, 43)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 43)  
}
```

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(206, 0, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 43) }
```

Border

The CSS property to change the border of an element to XYZ 25.8896, 13.2962, 3.4874 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(206, 0, 43) }
```


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

```
.border{ border-color:rgb(206, 0, 43) }
```

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

Here you see how a box with a 4 pixel rgb(206, 0, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 43);  
box-shadow:4px 4px 4px 4px rgb(206, 0, 43)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.8896, 13.2962, 3.4874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 43) }
```

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

```
.background{ background-color: rgb(206, 0,  
43) }
```

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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