

Converting Colors

XYZ(25.9448, 14.3633, 6.7898)

Have a look what the booklet for
XYZ(25.9448, 14.3633, 6.7898)
contains.

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Color

**XYZ(25.8593, 14.3403,
6.7152)**

Conversions

Conversions Part 1

Format	Color
Hex	C92843
RGB	201, 40, 67
RGB Percent	79%, 16%, 26%
CMY	0.2118, 0.8431, 0.7373
CMYK	0.00, 0.80, 0.67, 0.21
HSL	350°, 67%, 47%
HSV	350°, 80%, 79%
XYZ	25.8593, 14.3403, 6.7152
YIQ	91.2170, 87.2890, 42.5290

Conversions

Conversions Part 2

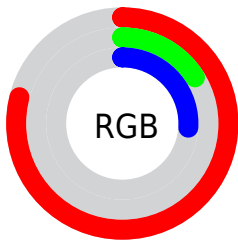
Format	Color
RYB	201, 40, 67
Decimal	13183043
CIELab	44.72, 62.28, 25.67
CIELCh	45, 67.358, 22.398
Yxy	14.3403, 0.5512, 0.3057
Android (android.graphics.Color)	4291373123 (0xFFC92843)
YUV	91.2170, -11.9390, 96.2797
Hunter-Lab	37.8686, 55.6222, 15.9942

Details

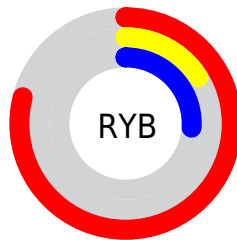
The XYZ color **25.8593, 14.3403, 6.7152** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **29.4033, 45.2809, 47.2411**, and the grayscale version is **10.0070, 10.5281, 11.4652**.

A 20% lighter version of the original color is **49.0859, 32.0005, 19.8093**, and **10.8229, 5.5592, 1.4223** is the 20% darker color. If you saturate the color by 10%, you get **24.9175, 13.1473, 4.2726**, and if you desaturate by 10%, it is **27.2988, 16.2969, 10.0391**.

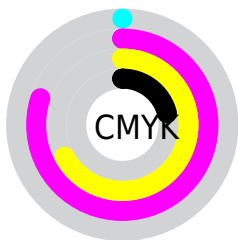
Distribution



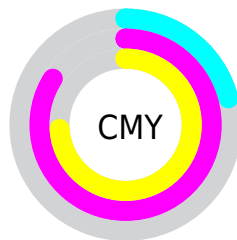
- Red (79%)
- Green (16%)
- Blue (26%)



- Red (79%)
- Yellow (16%)
- Blue (26%)



- Cyan (0%)
- Magenta (80%)
- Yellow (67%)
- Black (21%)





- Cyan (21%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8593, 14.3403, 6.7152 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 25.8593, 14.3403, 6.7152 by changing the saturation by 10% instead.

 25.8593, 14.3403,
6.7152


 25.8593, 14.3403,
6.7152


274.3601,
219.3377, 174.8160


 16.8505, 8.3577,
3.2089


 52.4808, 33.6916,
19.9010


 10.2226, 4.3247,
1.2023


 70.8242, 47.8292,
30.4175


 5.6102, 1.8568,
0.0000

 93.0100, 65.4538,
44.1078

 2.6479, 0.5222,
0.0000

 119.4033, 86.9500,
61.3906

 0.9704, 0.0000,
0.0000

 150.3696,
112.7021, 82.6842

 0.0000, 0.0000,
0.0000

 186.2743,

143.0945, 108.4073

227.4827,
178.5115, 138.9784

■ 25.8593, 14.3403,
6.7152

■ 25.8593, 14.3403,
6.7152

■ 24.9175, 13.1473,
4.2726

■ 27.2988, 16.2969,
10.0391

■ 24.3716, 12.5312,
2.6246

■ 29.2942, 19.1151,
14.3196

■ 31.8967, 22.8808,
19.6241

■ 35.1512, 27.6690,
26.0138

■ 39.0982, 33.5470,
33.5450

■ 43.7751, 40.5763,
42.2700

■ 49.2165, 48.8140,
52.2379

■ 55.4546, 58.3132,
63.4950

■ 62.5200, 69.1240,
76.0852

Harmonies

Analogous

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



26.9492, 14.3403, 19.9506



25.8593, 14.3403, 6.7152



21.1129, 14.3403, 1.8395

Triad

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



25.8593, 14.3403, 6.7152



6.8767, 14.3403, 3.4988



12.2846, 14.3403, 68.5946

Complementary

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



25.8593, 14.3403, 6.7152



29.4033, 45.2809, 47.2411

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.



8.1641, 14.3403, 53.7350



25.8593, 14.3403, 6.7152



5.6333, 14.3403, 11.9565

Square

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



25.8593, 14.3403, 6.7152



10.0004, 14.3403, 1.0380



6.0316, 14.3403, 30.1445



18.0462, 14.3403, 63.3460

Rectangle

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



25.8593, 14.3403, 6.7152



17.0667, 14.3403, 0.9014



6.0316, 14.3403, 30.1445



10.6887, 14.3403, 65.5656

Sweetspot

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



25.8596, 14.3412, 6.7154



71.3935, 64.1171, 65.7771



28.2023, 14.4480, 56.5604



14.6725, 12.8096, 12.9409



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.



25.8596, 14.3412, 6.7154



41.9535, 21.7225, 5.1412



28.2109, 20.0516, 4.3921



10.7052, 10.6655, 11.4309



15.3472, 7.8885, 1.7725



0.7499, 0.3828, 0.2062

Inverse Universe

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



25.8596, 14.3412, 6.7154



41.9535, 21.7225, 5.1412



22.3278, 26.4876, 59.1939



10.7052, 10.6655, 11.4309



15.3472, 7.8885, 1.7725



0.7499, 0.3828, 0.2062

Previews

White Background



This preview shows how the XYZ color 25.8593, 14.3403, 6.7152 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



This preview shows how the XYZ color 25.8593, 14.3403, 6.7152 looks on a 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 25.8593, 14.3403, 6.7152

Background



This preview shows how black text looks on a background with the XYZ color 25.8593, 14.3403, 6.7152.



This preview shows how white text looks on a background with the XYZ color 25.8593, 14.3403,

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

25.8593, 14.3403, 6.7152

Protanopia

13.8119, 14.5431, 12.4351

Deuteranopia

14.7210, 14.5541, 6.0363



Tritanopia

25.2315, 14.3456, 3.9218

Trichromacy



Original Color

25.8593, 14.3403, 6.7152

Protanomaly

16.1191, 12.6040, 9.9707

Deuteranomaly

17.3486, 12.9968, 6.0091

Tritanomaly

25.3259, 14.2642, 4.7866

Monochromacy



Original Color

25.8593, 14.3403, 6.7152

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

13.2004, 10.0692, 9.2305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8593, 14.3403, 6.7152 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, 40, 67)` looks like.

```
.text, #text, p{  
    color:rgb(201, 40, 67)  
}
```

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, 40, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 40, 67) }
```

Border

The CSS property to change the border of an element to XYZ 25.8593, 14.3403, 6.7152 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, 40, 67) }
```


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

```
.border{ border-color:rgb(201, 40, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 40, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 40, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 40, 67);  
box-shadow:4px 4px 4px 4px rgb(201, 40,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8593, 14.3403, 6.7152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 40, 67) }
```

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

```
.background{ background-color: rgb(201, 40,  
67) }
```

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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