

Converting Colors

XYZ(25.9119, 14.4786, 2.0913)

Have a look what the booklet for
XYZ(25.9119, 14.4786, 2.0913)
contains.

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Color

**XYZ(25.7869, 14.4055,
2.0832)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC2814 |
| RGB | 204, 40, 20 |
| RGB Percent | 80%, 16%, 8% |
| CMY | 0.2000, 0.8431, 0.9216 |
| CMYK | 0.00, 0.80, 0.90, 0.20 |
| HSL | 7°, 82%, 44% |
| HSV | 7°, 90%, 80% |
| XYZ | 25.7869, 14.4055, 2.0832 |
| YIQ | 86.7560, 104.1640, 28.5480 |

Conversions

Conversions Part 2

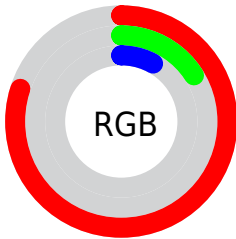
| Format | Color |
|-------------------------------------|---|
| RYB | 204, 42, 20 |
| Decimal | 13379604 |
| CIELab | 44.81, 61.58, 51.35 |
| CIElCh | 45, 80.180, 39.825 |
| Yxy | 14.4055, 0.6100, 0.3408 |
| Android (android.graphics.Color) | 4291569684 (0xFFCC2814) |
| YUV | 86.7560, -32.9107, 102.8230 |
| Hunter-Lab | 37.9546, 54.8550, 23.3140 |

Details

The XYZ color **25.7869, 14.4055, 2.0832** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **28.3246, 38.7826, 63.1192**, and the grayscale version is **9.0609, 9.5328, 10.3812**.

A 20% lighter version of the original color is **46.9371, 30.9847, 8.9756**, and **10.8152, 5.5754, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **25.1922, 13.4184, 1.2622**, and if you desaturate by 10%, it is **26.8144, 16.0391, 3.7259**.

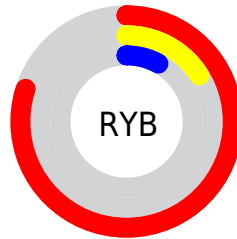
Distribution



Red (80%)

Green (16%)

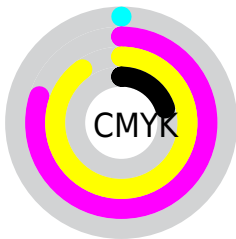
Blue (8%)



Red (80%)

Yellow (16%)

Blue (8%)

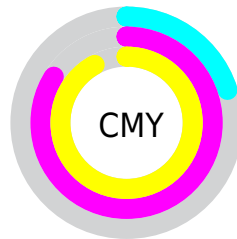


Cyan (0%)

Magenta (80%)

Yellow (90%)

Black (20%)



Cyan (20%)


Magenta (84%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7869, 14.4055, 2.0832 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 25.7869, 14.4055, 2.0832 by changing the saturation by 10% instead.


 25.7869, 14.4055,
2.0832


 25.7869, 14.4055,
2.0832


274.0103,
219.7391, 123.6556


 16.7961, 8.4032,
0.6057


 52.3647, 33.8068,
9.2670


 10.1836, 4.3540,
0.0000


 70.6825, 47.9747,
15.8531


 5.5841, 1.8735,
0.0000

 92.8399, 65.6331,
24.9933

 2.6321, 0.5324,
0.0000

 119.2025, 87.1667,
37.1062


 0.9623, 0.0000,
0.0000


 150.1354,
112.9596, 52.6104


 0.0000, 0.0000,
0.0000


 186.0041,


143.3964, 71.9243


 227.1740,
178.8614, 95.4665


 25.7869, 14.4055,
2.0832


 25.7869, 14.4055,
2.0832

 25.1922, 13.4184,
1.2622

 26.8144, 16.0391,
3.7259

 28.3491, 18.3930,
6.4427

 30.4468, 21.5394,
10.3767

 33.1561, 25.5407,
15.6489

 36.5200, 30.4534,
22.3656

■ 40.5775, 36.3290,
30.6223

■ 45.3649, 43.2150,
40.5066

■ 50.9155, 51.1561,
52.0993

■ 57.2608, 60.1939,
65.4758

Harmonies

Analogous

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



30.1799, 14.4055, 10.3108



25.7869, 14.4055, 2.0832



18.4988, 14.4055, 0.1396

Triad

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



25.7869, 14.4055, 2.0832



4.9601, 14.4055, 6.2598



15.9501, 14.4055, 84.5745

Complementary

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



25.7869, 14.4055, 2.0832



28.3246, 38.7826, 63.1192

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.



9.7995, 14.4055, 79.5128



25.7869, 14.4055, 2.0832



4.6679, 14.4055, 22.6623

Square

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



25.7869, 14.4055, 2.0832



7.1182, 14.4055, 1.1022



6.1314, 14.4055, 51.8639



23.4191, 14.4055, 62.7331

Rectangle

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



25.7869, 14.4055, 2.0832



13.7303, 14.4055, 0.0000



6.1314, 14.4055, 51.8639



13.6537, 14.4055, 86.2074

Sweetspot

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



25.7872, 14.4064, 2.0834



69.3305, 63.2348, 55.0895



33.9722, 16.8657, 47.6962



14.2880, 12.7396, 10.6586



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.



25.7872, 14.4064, 2.0834



41.6491, 22.0782, 2.0664



33.0638, 28.9595, 4.5089



11.3089, 11.4068, 11.6851



15.8903, 8.5136, 0.8058



0.8537, 0.5072, 0.0529

Inverse Universe

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



28.3246, 38.7826, 63.1192



45.5906, 62.3012, 104.2302



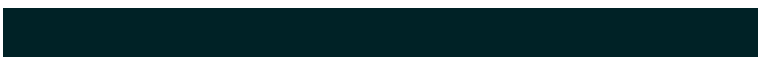
15.1547, 12.4427, 58.7292



11.4350, 12.5104, 14.3824



17.4060, 23.8360, 39.6397



0.9285, 1.2907, 2.0551

Previews

White Background



This preview shows how the XYZ color 25.7869, 14.4055, 2.0832 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 25.7869, 14.4055, 2.0832

Background



This preview shows how black text looks on a background with the XYZ color 25.7869, 14.4055, 2.0832.



This preview shows how white text looks on a background with the XYZ color 25.7869, 14.4055,

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

25.7869, 14.4055, 2.0832

Protanopia

13.3068, 14.6298, 3.7126

Deuteranopia

14.7430, 14.6536, 2.0514



Tritanopia

25.9448, 14.3635, 3.2387

Trichromacy



Original Color

25.7869, 14.4055, 2.0832

Protanomaly

16.0901, 12.8596, 2.8624

Deuteranomaly

17.3315, 13.0809, 1.8124

Tritanomaly

25.8747, 14.3873, 2.7096

Monochromacy



Original Color

25.7869, 14.4055, 2.0832

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

12.2933, 9.4850, 5.8855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7869, 14.4055, 2.0832 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(204, 40, 20)` looks like.

```
.text, #text, p{  
    color:rgb(204, 40, 20)  
}
```

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(204, 40, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 40, 20) }
```

Border

The CSS property to change the border of an element to XYZ 25.7869, 14.4055, 2.0832 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(204, 40, 20) }
```


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

```
.border{ border-color:rgb(204, 40, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 40, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 40, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 40, 20);  
box-shadow:4px 4px 4px 4px rgb(204, 40,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7869, 14.4055, 2.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 40, 20) }
```

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

```
.background{ background-color: rgb(204, 40,  
20) }
```

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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