

Converting Colors

XYZ(25.1096, 13.2563, 2.5535)

Have a look what the booklet for
XYZ(25.1096, 13.2563, 2.5535)
contains.

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Color

**XYZ(25.1088, 13.2612,
2.5326)**

Conversions

Conversions Part 1

Format	Color
Hex	CB131F
RGB	203, 19, 31
RGB Percent	80%, 7%, 12%
CMY	0.2039, 0.9254, 0.8784
CMYK	0.00, 0.91, 0.85, 0.20
HSL	356°, 83%, 44%
HSV	356°, 91%, 80%
XYZ	25.1088, 13.2612, 2.5326
YIQ	75.3840, 105.8120, 42.7400

Conversions

Conversions Part 2

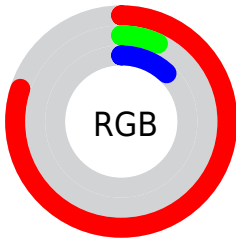
Format	Color
R_{YB}	203, 19, 31
Decimal	13308703
CIE Lab	43.15, 65.85, 44.90
CIE LCh	43, 79.699, 34.289
Yxy	13.2612, 0.6139, 0.3242
Android (android.graphics.Color)	4291498783 (0xFFFCB131F)
YUV	75.3840, -21.8813, 111.9192
Hunter-Lab	36.4159, 59.3479, 21.3677

Details

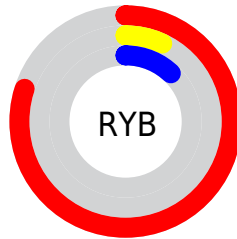
The XYZ color **25.1088, 13.2612, 2.5326** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **31.0318, 46.6130, 56.6676**, and the grayscale version is **6.7849, 7.1382, 7.7735**.

A 20% lighter version of the original color is **46.3206, 29.2780, 10.2310**, and **10.6475, 5.4890, 0.4983** is the 20% darker color. If you saturate the color by 10%, you get **24.7024, 12.7260, 1.5423**, and if you desaturate by 10%, it is **25.9400, 14.3992, 4.4274**.

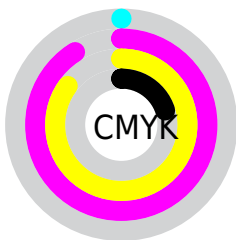
Distribution



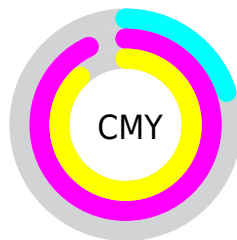
- Red (80%)
- Green (7%)
- Blue (12%)



- Red (80%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (91%)
- Yellow (85%)
- Black (20%)





- Cyan (20%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1088, 13.2612, 2.5326 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 25.1088, 13.2612, 2.5326 by changing the saturation by 10% instead.


 25.1088, 13.2612,
2.5326


 25.1088, 13.2612,
2.5326


270.7170,
212.5849, 130.1649

 16.2873, 7.6087,
0.8574


 51.2753, 31.7722,
10.4515


 9.8198, 3.8456,
0.0000


 69.3510, 45.3995,
17.5362


 5.3410, 1.5876,
0.0000

 91.2421, 62.4539,
27.2623

 2.4855, 0.3492,
0.0000

 117.3141, 83.3196,
40.0486


 0.8879, 0.0000,
0.0000


 147.9322,
108.3812, 56.3134


 0.0000, 0.0000,
0.0000


 183.4618,


138.0231, 76.4754


 224.2683,
172.6295, 100.9530


 25.1088, 13.2612,
2.5326


 25.1088, 13.2612,
2.5326


 24.7024, 12.7260,
1.5423

 25.9400, 14.3992,
4.4274

 27.2977, 16.3184,
7.3344

 29.2506, 19.1267,
11.3690

 31.8569, 22.9143,
16.6306

 35.1676, 27.7603,
23.2078

■ 39.2290, 33.7359,
31.1811

■ 44.0831, 40.9058,
40.6244

■ 49.7691, 49.3302,
51.6064

■ 56.3233, 59.0650,
64.1916

Harmonies

Analogous

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



28.4463, 13.2612, 12.0530



25.1088, 13.2612, 2.5326



18.4589, 13.2612, 0.1815

Triad

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



25.1088, 13.2612, 2.5326



4.6727, 13.2612, 4.1697



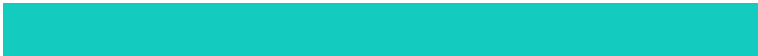
13.5090, 13.2612, 81.3308

Complementary

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



25.1088, 13.2612, 2.5326



31.0318, 46.6130, 56.6676

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.



8.1405, 13.2612, 71.4504



25.1088, 13.2612, 2.5326



4.1101, 13.2612, 17.1213

Square

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



25.1088, 13.2612, 2.5326



7.0495, 13.2612, 0.5981



5.1438, 13.2612, 43.1361



20.5044, 13.2612, 64.3492

Rectangle

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



25.1088, 13.2612, 2.5326



13.8176, 13.2612, 0.0000



5.1438, 13.2612, 43.1361



11.4643, 13.2612, 81.0991

Sweetspot

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



25.1091, 13.2620, 2.5328



68.1939, 60.1864, 57.1002



32.4319, 15.8204, 57.8438



14.0291, 12.0457, 11.1152



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.



25.1091, 13.2620, 2.5328



41.3380, 21.2992, 2.4462



29.1843, 21.6197, 3.2522



11.2414, 11.2253, 11.8060



15.7327, 8.1037, 1.0451



0.8222, 0.4223, 0.1097

Inverse Universe

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



25.1091, 13.2620, 2.5328



41.3380, 21.2992, 2.4462



18.1661, 18.6856, 59.1487



11.2414, 11.2253, 11.8060



15.7327, 8.1037, 1.0451



0.8222, 0.4223, 0.1097

Previews

White Background



This preview shows how the XYZ color 25.1088, 13.2612, 2.5326 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 25.1088, 13.2612, 2.5326

Background



This preview shows how black text looks on a background with the XYZ color 25.1088, 13.2612, 2.5326.



This preview shows how white text looks on a background with the XYZ color 25.1088, 13.2612,

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

25.1088, 13.2612, 2.5326

Protanopia

12.5963, 13.7758, 5.0127

Deuteranopia

13.7278, 13.5607, 1.8939



Tritanopia

25.0017, 13.3048, 1.7023

Trichromacy



Original Color

25.1088, 13.2612, 2.5326

Protanomaly

14.8512, 11.1425, 3.6535

Deuteranomaly

16.0932, 11.4485, 1.6782

Tritanomaly

25.0321, 13.2870, 1.9548

Monochromacy



Original Color

25.1088, 13.2612, 2.5326

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

10.1816, 7.1857, 4.9880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1088, 13.2612, 2.5326 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(203, 19, 31)` looks like.

```
.text, #text, p{  
    color:rgb(203, 19, 31)  
}
```

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(203, 19, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 19, 31) }
```

Border

The CSS property to change the border of an element to XYZ 25.1088, 13.2612, 2.5326 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(203, 19, 31) }
```


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

```
.border{ border-color:rgb(203, 19, 31) }
```

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

Here you see how a box with a 4 pixel rgb(203, 19, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 19, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 19, 31);  
box-shadow:4px 4px 4px 4px rgb(203, 19,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1088, 13.2612, 2.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 19, 31) }
```

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

```
.background{ background-color: rgb(203, 19,  
31) }
```

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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