

Converting Colors

XYZ(26.0170, 13.8985, 2.3342)

Have a look what the booklet for
XYZ(26.0170, 13.8985, 2.3342)
contains.

XYZ(25.9991, 13.8962, 2.3488)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(25.9991, 13.8962,
2.3488)**

Conversions

Conversions Part 1

Format	Color
Hex	CE191B
RGB	206, 25, 27
RGB Percent	81%, 10%, 11%
CMY	0.1922, 0.9019, 0.8941
CMYK	0.00, 0.88, 0.87, 0.19
HSL	359°, 78%, 45%
HSV	359°, 88%, 81%
XYZ	25.9991, 13.8962, 2.3488
YIQ	79.3470, 107.2340, 38.9940

Conversions

Conversions Part 2

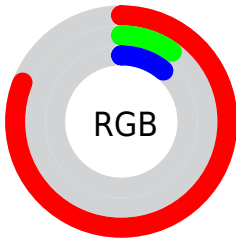
Format	Color
RYB	206, 25, 27
Decimal	13506843
CIELab	44.08, 65.59, 47.92
CIELCh	44, 81.229, 36.151
Yxy	13.8962, 0.6154, 0.3290
Android (android.graphics.Color)	4291696923 (0xFFCE191B)
YUV	79.3470, -25.8071, 111.0747
Hunter-Lab	37.2776, 59.2582, 22.3586

Details

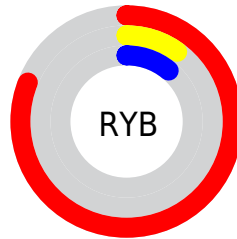
The XYZ color **25.9991, 13.8962, 2.3488** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **33.3743, 48.7100, 64.7833**, and the grayscale version is **7.5343, 7.9267, 8.6321**.

A 20% lighter version of the original color is **46.4787, 29.7598, 9.7731**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.5378, 13.2323, 1.3983**, and if you desaturate by 10%, it is **26.9364, 15.2546, 4.2539**.

Distribution



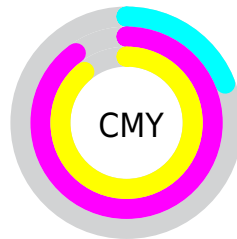
- Red (81%)
- Green (10%)
- Blue (11%)



- Red (81%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (88%)
- Yellow (87%)
- Black (19%)





- Cyan (19%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9991, 13.8962, 2.3488 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 25.9991, 13.8962, 2.3488 by changing the saturation by 10% instead.


 25.9991, 13.8962,
2.3488


 25.9991, 13.8962,
2.3488


275.0344,
216.5841, 127.5774


 16.9556, 8.0485,
0.7584


 52.7048, 32.9047,
9.9742


 10.2980, 4.1260,
0.0000


 71.0978, 46.8344,
16.8605

 5.6607, 1.7443,
0.0000

 93.3379, 64.2268,
26.3539

 2.6786, 0.4521,
0.0000

 119.7907, 85.4663,
38.8731

 0.9862, 0.0000,
0.0000


 150.8213,
110.9375, 54.8365


 0.0000, 0.0000,
0.0000


 186.7953,


141.0245, 74.6626


 228.0779,
176.1120, 98.7701


 25.9991, 13.8962,
2.3488


 25.9991, 13.8962,
2.3488


 25.5378, 13.2323,
1.3983


 26.9364, 15.2546,
4.2539

 25.4658, 13.1267,
1.2562

 28.4504, 17.4585,
7.2992

 30.6139, 20.6160,
11.6253

 33.4887, 24.8187,
17.3525

 37.1296, 30.1474,
24.5871

■ 41.5859, 36.6750,
33.4252

■ 46.9028, 44.4683,
43.9550

■ 53.1224, 53.5891,
56.2582

■ 60.2837, 64.0952,
70.4112

Harmonies

Analogous

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



29.8180, 13.8962, 11.6285



25.9991, 13.8962, 2.3488



18.8971, 13.8962, 0.1198

Triad

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



25.9991, 13.8962, 2.3488



4.7901, 13.8962, 4.8198



14.5847, 13.8962, 85.2760

Complementary

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



25.9991, 13.8962, 2.3488



33.3743, 48.7100, 64.7833

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.



8.7932, 13.8962, 76.6111



25.9991, 13.8962, 2.3488



4.3043, 13.8962, 19.2735

Square

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



25.9991, 13.8962, 2.3488



7.1494, 13.8962, 0.7283



5.4997, 13.8962, 47.3366



21.9794, 13.8962, 65.9075

Rectangle

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



25.9991, 13.8962, 2.3488



14.0599, 13.8962, 0.0000



5.4997, 13.8962, 47.3366



12.3910, 13.8962, 85.6712

Sweetspot

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



25.9994, 13.8971, 2.3490



68.6046, 61.2188, 56.5867



36.1127, 17.8466, 59.9336



14.0931, 12.2372, 10.9404



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.



25.9994, 13.8971, 2.3490



41.2553, 21.2661, 2.0104



31.4781, 24.8898, 4.0661



11.2172, 11.2156, 11.6786



15.6834, 8.0840, 0.7858



0.8109, 0.4178, 0.0499

Inverse Universe

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



25.9994, 13.8971, 2.3490



41.2553, 21.2661, 2.0104



18.0826, 17.7445, 60.8642



11.2172, 11.2156, 11.6786



15.6834, 8.0840, 0.7858



0.8109, 0.4178, 0.0499

Previews

White Background



This preview shows how the XYZ color 25.9991, 13.8962, 2.3488 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 25.9991, 13.8962, 2.3488

Background



This preview shows how black text looks on a background with the XYZ color 25.9991, 13.8962, 2.3488.



This preview shows how white text looks on a background with the XYZ color 25.9991, 13.8962,

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

25.9991, 13.8962, 2.3488

Protanopia

12.9638, 14.2794, 4.5556

Tritanopia

25.9584, 13.9147, 2.0271

Trichromacy



Original Color

25.9991, 13.8962, 2.3488

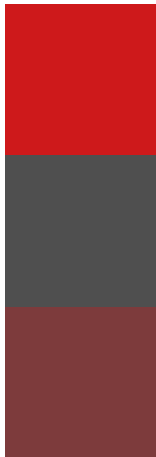
Protanomaly

15.3982, 11.8373, 3.3070

Tritanomaly

25.9776, 13.9225, 2.1287

Monochromacy



Original Color

25.9991, 13.8962, 2.3488

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

10.8370, 7.8141, 5.2121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9991, 13.8962, 2.3488 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, 25, 27)` looks like.

```
.text, #text, p{  
    color:rgb(206, 25, 27)  
}
```

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, 25, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 25, 27) }
```

Border

The CSS property to change the border of an element to XYZ 25.9991, 13.8962, 2.3488 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, 25, 27) }
```

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

```
.border{ border-color:rgb(206, 25, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 25, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 25, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 25, 27);  
box-shadow:4px 4px 4px 4px rgb(206, 25,  
27) }
```


Background

The CSS property to change the background color of an element to XYZ 25.9991, 13.8962, 2.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 25, 27) }
```

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

```
.background{ background-color: rgb(206, 25,  
27) }
```

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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