

Converting Colors

XYZ(24.7865, 13.7329, 3.1147)

Have a look what the booklet for
XYZ(24.7865, 13.7329, 3.1147)
contains.

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Color

**XYZ(24.8149, 13.7361,
3.0937)**

Conversions

Conversions Part 1

Format	Color
Hex	C82525
RGB	200, 37, 37
RGB Percent	78%, 15%, 15%
CMY	0.2157, 0.8548, 0.8549
CMYK	0.00, 0.81, 0.81, 0.22
HSL	0°, 69%, 46%
HSV	0°, 81%, 78%
XYZ	24.8149, 13.7361, 3.0937
YIQ	85.7370, 97.1480, 34.5560

Conversions

Conversions Part 2

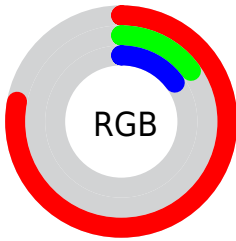
Format	Color
RYB	200, 37, 37
Decimal	13116709
CIELab	43.85, 61.58, 42.16
CIElCh	44, 74.635, 34.398
Yxy	13.7361, 0.5959, 0.3298
Android (android.graphics.Color)	4291306789 (0xFFC82525)
YUV	85.7370, -24.0273, 100.2087
Hunter-Lab	37.0622, 54.6551, 20.9945

Details

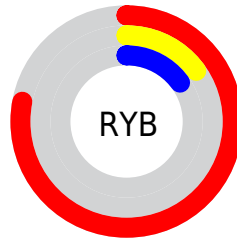
The XYZ color **24.8149, 13.7361, 3.0937** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.8387, 45.8644, 61.8177**, and the grayscale version is **8.8260, 9.2856, 10.1121**.

A 20% lighter version of the original color is **47.2632, 30.8082, 11.6391**, and **10.3165, 5.3184, 0.4828** is the 20% darker color. If you saturate the color by 10%, you get **24.1211, 12.7212, 1.7144**, and if you desaturate by 10%, it is **26.0215, 15.5023, 5.4917**.

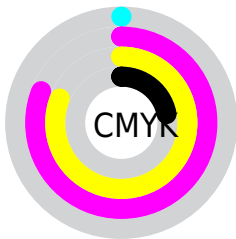
Distribution



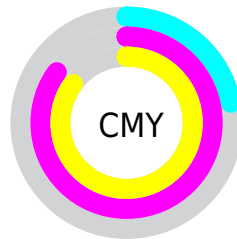
- Red (78%)
- Green (15%)
- Blue (15%)



- Red (78%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (81%)
- Black (22%)





- Cyan (22%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8149, 13.7361, 3.0937 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 24.8149, 13.7361, 3.0937 by changing the saturation by 10% instead.


 24.8149, 13.7361,
3.0937


 24.8149, 13.7361,
3.0937


269.2795,
215.5829, 137.5452


 16.0672, 7.9373,
1.1427


 50.8018, 32.6200,
11.8588

 9.6629, 4.0549,
0.0000


 68.7718, 46.4740,
19.5099

 5.2365, 1.7043,
0.0000

 90.5465, 63.7819,
29.8982

 2.4229, 0.4264,
0.0000

 116.4914, 84.9280,
43.4421

 0.8565, 0.0000,
0.0000

 146.9718,
110.2967, 60.5602

 0.0000, 0.0000,
0.0000

 182.3530,

140.2725, 81.6711

223.0005,
175.2398, 107.1932

24.8149, 13.7361,
3.0937

24.8149, 13.7361,
3.0937

24.1211, 12.7212,
1.7144

26.0215, 15.5023,
5.4917

23.8194, 12.2797,
1.1148

27.8135, 18.1245,
9.0537

30.2525, 21.6936,
13.9021

33.3923, 26.2881,
20.1438

37.2811, 31.9784,
27.8745

■ 41.9627, 38.8289,
37.1814

■ 47.4776, 46.8987,
48.1450

■ 53.8635, 56.2430,
60.8403

■ 61.1559, 66.9138,
75.3379

Harmonies

Analogous

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



27.9257, 13.7361, 12.6031



24.8149, 13.7361, 3.0937



18.5897, 13.7361, 0.5803

Triad

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



24.8149, 13.7361, 3.0937



5.2713, 13.7361, 4.8595



13.9441, 13.7361, 76.2535

Complementary

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



24.8149, 13.7361, 3.0937



31.8387, 45.8644, 61.8177

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.



8.7460, 13.7361, 67.4599



24.8149, 13.7361, 3.0937



4.7035, 13.7361, 17.5855

Square

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



24.8149, 13.7361, 3.0937



7.6436, 13.7361, 0.9805



5.7604, 13.7361, 41.8006



20.5604, 13.7361, 60.8917

Rectangle

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



24.8149, 13.7361, 3.0937



14.1934, 13.7361, 0.0929



5.7604, 13.7361, 41.8006



11.9806, 13.7361, 76.0776

Sweetspot

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



24.8152, 13.7369, 3.0939



70.2037, 63.6432, 59.5055



34.9060, 17.7725, 56.2338



14.3959, 12.6995, 11.4829



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.



24.8152, 13.7369, 3.0939



41.3236, 21.3824, 2.0957



30.6906, 25.4877, 5.0524



10.6340, 10.6371, 11.0555



15.1454, 7.8080, 0.7088



0.7172, 0.3698, 0.0336

Inverse Universe

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



31.8387, 45.8644, 61.8177



53.8663, 78.7578, 106.9705



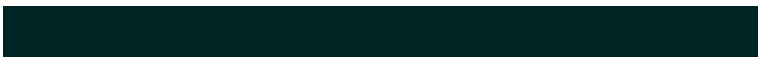
17.7257, 17.6383, 57.1134



10.9467, 12.0674, 13.6698



19.7588, 28.9115, 39.2834



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 24.8149, 13.7361, 3.0937 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 24.8149, 13.7361, 3.0937 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 24.8149, 13.7361, 3.0937

Background



This preview shows how black text looks on a background with the XYZ color 24.8149, 13.7361, 3.0937.



This preview shows how white text looks on a background with the XYZ color 24.8149, 13.7361,

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

24.8149, 13.7361, 3.0937

Protanopia

12.8114, 14.0238, 5.6461

Deuteranopia

14.1129, 13.8834, 2.6454



Tritanopia

24.7994, 13.7299, 3.0121

Trichromacy



Original Color

24.8149, 13.7361, 3.0937

Protanomaly

15.2562, 12.0617, 4.3204

Deuteranomaly

16.6869, 12.4161, 2.5540

Tritanomaly

24.7994, 13.7299, 3.0121

Monochromacy



Original Color

24.8149, 13.7361, 3.0937

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

11.8629, 9.0636, 6.5931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8149, 13.7361, 3.0937 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(200, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(200, 37, 37)  
}
```

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(200, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 37, 37) }
```

Border

The CSS property to change the border of an element to XYZ 24.8149, 13.7361, 3.0937 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(200, 37, 37) }
```


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

```
.border{ border-color:rgb(200, 37, 37) }
```

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

Here you see how a box with a 4 pixel rgb(200, 37, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(200, 37,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8149, 13.7361, 3.0937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 37, 37) }
```

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

```
.background{ background-color: rgb(200, 37,  
37) }
```

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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