

Converting Colors

XYZ(24.4137, 15.1215, 4.8479)

Have a look what the booklet for
XYZ(24.4137, 15.1215, 4.8479)
contains.

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Color

**XYZ(24.3897, 15.1404,
4.8857)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C13F34 |
| RGB | 193, 63, 52 |
| RGB Percent | 76%, 25%, 20% |
| CMY | 0.2431, 0.7529, 0.7961 |
| CMYK | 0.00, 0.67, 0.73, 0.24 |
| HSL | 5°, 58%, 48% |
| HSV | 5°, 73%, 76% |
| XYZ | 24.3897, 15.1404, 4.8857 |
| YIQ | 100.6160, 81.0110, 24.1390 |

Conversions

Conversions Part 2

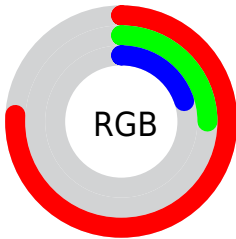
| Format | Color |
|-------------------------------------|--|
| RYB | 193, 64, 52 |
| Decimal | 12664628 |
| CIELab | 45.83, 51.24, 35.53 |
| CIElCh | 46, 62.351, 34.735 |
| Yxy | 15.1404, 0.5491, 0.3409 |
| Android (android.graphics.Color) | 4290854708 (0xFFC13F34) |
| YUV | 100.6160, -23.9677, 81.0208 |
| Hunter-Lab | 38.9107, 43.7924, 19.7929 |

Details

The XYZ color **24.3897, 15.1404, 4.8857** 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 **27.7681, 38.0329, 56.3294**, and the grayscale version is **12.3166, 12.9580, 14.1113**.

A 20% lighter version of the original color is **49.8534, 34.8834, 15.9100**, and **9.5595, 4.9231, 0.6761** is the 20% darker color. If you saturate the color by 10%, you get **23.2092, 13.3388, 2.7683**, and if you desaturate by 10%, it is **26.0669, 17.6516, 8.0452**.

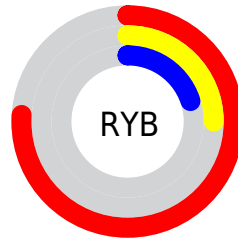
Distribution



Red (76%)

Green (25%)

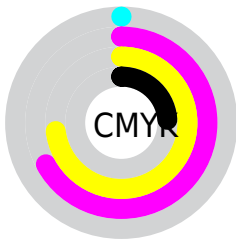
Blue (20%)



Red (76%)

Yellow (25%)

Blue (20%)

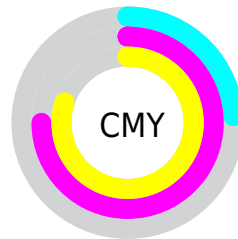


Cyan (0%)

Magenta (67%)

Yellow (73%)

Black (24%)



Cyan (24%)


Magenta (75%)


Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3897, 15.1404, 4.8857 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 24.3897, 15.1404, 4.8857 by changing the saturation by 10% instead.


 24.3897, 15.1404,
4.8857


 24.3897, 15.1404,
4.8857


267.1889,
224.2145, 157.6128


 15.7493, 8.9180,
2.1228


 50.1155, 35.0993,
16.0058


 9.4366, 4.6877,
0.6293


 67.9315, 49.6046,
25.2001

 5.0864, 2.0652,
0.0000

 89.5367, 67.6396,
37.3752

 2.3333, 0.6450,
0.0000

 115.2965, 89.5887,
52.9497

 0.8116, 0.0000,
0.0000

 145.5763,
115.8364, 72.3422

 0.0000, 0.0000,
0.0000

 180.7414,

146.7669, 95.9712

221.1571,
182.7648, 124.2552

■ 24.3897, 15.1404,
4.8857

■ 24.3897, 15.1404,
4.8857

■ 23.2092, 13.3388,
2.7683

■ 26.0669, 17.6516,
8.0452

■ 22.4692, 12.1709,
1.5594

■ 28.2869, 20.9329,
12.3570

■ 22.1640, 11.6810,
1.0865

■ 31.0915, 25.0414,
17.9182

■ 34.5182, 30.0281,
24.8155

■ 38.6013, 35.9396,
33.1276

■ 43.3727, 42.8195,
42.9274

■ 48.8622, 50.7087,
54.2825

■ 55.0976, 59.6454,
67.2565

■ 62.1056, 69.6661,
81.9096

Harmonies

Analogous

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



26.9865, 15.1404, 14.2108



24.3897, 15.1404, 4.8857



19.1464, 15.1404, 1.7228

Triad

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



24.3897, 15.1404, 4.8857



7.0523, 15.1404, 6.9645



15.2405, 15.1404, 65.3857

Complementary

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



24.3897, 15.1404, 4.8857



27.7681, 38.0329, 56.3294

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.



10.4956, 15.1404, 58.9248



24.3897, 15.1404, 4.8857



6.4889, 15.1404, 18.9904

Square

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



24.3897, 15.1404, 4.8857



9.3684, 15.1404, 2.3087



7.5834, 15.1404, 39.0717



20.9471, 15.1404, 53.5168

Rectangle

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



24.3897, 15.1404, 4.8857



15.3374, 15.1404, 1.2000



7.5834, 15.1404, 39.0717



13.4834, 15.1404, 65.3273

Sweetspot

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



24.3900, 15.1413, 4.8859



69.7027, 65.1876, 60.4923



31.8301, 17.2374, 46.7772



14.4944, 13.3213, 12.0390



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.3900, 15.1413, 4.8859



40.6455, 22.4448, 3.4175



30.8498, 28.0608, 7.0392



10.1350, 10.2014, 10.4968



14.7656, 7.8170, 0.7306



0.6601, 0.3820, 0.0389

Inverse Universe

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



27.7681, 38.0329, 56.3294



46.8377, 65.2977, 100.4954



16.9581, 16.4129, 52.7261



10.2991, 11.2895, 12.9211



17.0091, 23.7746, 37.2491



0.7552, 1.0679, 1.6162

Previews

White Background



This preview shows how the XYZ color 24.3897, 15.1404, 4.8857 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 24.3897, 15.1404, 4.8857 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 24.3897, 15.1404, 4.8857

Background



This preview shows how black text looks on a background with the XYZ color 24.3897, 15.1404, 4.8857.



This preview shows how white text looks on a background with the XYZ color 24.3897, 15.1404,

4.8857.

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

24.3897, 15.1404, 4.8857

Protanopia

14.0895, 15.2645, 7.5139

Deuteranopia

15.5583, 15.3167, 4.5193



Tritanopia

24.5865, 15.0451, 6.4586

Trichromacy



Original Color

24.3897, 15.1404, 4.8857

Protanomaly

16.5507, 14.1131, 6.4092

Deuteranomaly

17.9901, 14.5181, 4.5434

Tritanomaly

24.5306, 15.1089, 5.8984

Monochromacy



Original Color

24.3897, 15.1404, 4.8857

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

14.8010, 12.5093, 9.8180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3897, 15.1404, 4.8857 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(193, 63, 52)` looks like.

```
.text, #text, p{  
    color:rgb(193, 63, 52)  
}
```

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(193, 63, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 63, 52) }
```

Border

The CSS property to change the border of an element to XYZ 24.3897, 15.1404, 4.8857 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(193, 63, 52) }
```


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

```
.border{ border-color:rgb(193, 63, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 63, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 63, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 63, 52);  
box-shadow:4px 4px 4px 4px rgb(193, 63,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3897, 15.1404, 4.8857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 63, 52) }
```

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

```
.background{ background-color: rgb(193, 63,  
52) }
```

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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