

Converting Colors

XYZ(23.1385, 12.9863, 2.1512)

Have a look what the booklet for
XYZ(23.1385, 12.9863, 2.1512)
contains.

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Color

**XYZ(23.1385, 12.9863,
2.1512)**

Conversions

Conversions Part 1

Format	Color
Hex	C22718
RGB	194, 39, 24
RGB Percent	76%, 15%, 9%
CMY	0.2392, 0.8470, 0.9059
CMYK	0.00, 0.80, 0.88, 0.24
HSL	5°, 78%, 43%
HSV	5°, 88%, 76%
XYZ	23.1385, 12.9863, 2.1512
YIQ	83.6350, 97.1950, 28.1950

Conversions

Conversions Part 2

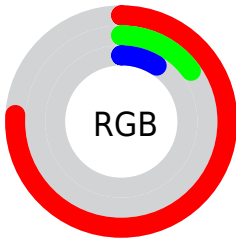
Format	Color
R_{YB}	194, 40, 24
Decimal	12723992
CIE _{Lab}	42.74, 59.00, 47.21
CIE _{LCh}	43, 75.566, 38.667
Yxy	12.9863, 0.6045, 0.3393
Android (android.graphics.Color)	4290914072 (0xFFC22718)
YUV	83.6350, -29.4001, 96.7901
Hunter-Lab	36.0365, 51.5483, 21.6862

Details

The XYZ color **23.1385, 12.9863, 2.1512** 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 **26.2316, 36.3239, 56.6672**, and the grayscale version is **8.3974, 8.8347, 9.6210**.

A 20% lighter version of the original color is **46.8392, 30.6386, 9.4064**, and **9.3601, 4.8253, 0.4380** is the 20% darker color. If you saturate the color by 10%, you get **22.5474, 12.0277, 1.2653**, and if you desaturate by 10%, it is **24.1397, 14.5433, 3.8590**.

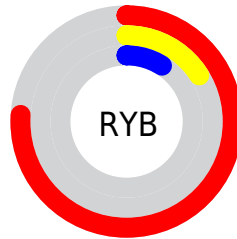
Distribution



Red (76%)

Green (15%)

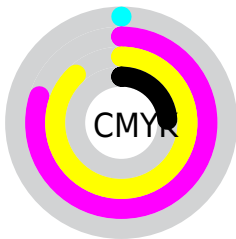
Blue (9%)



Red (76%)

Yellow (16%)

Blue (9%)

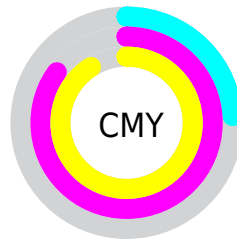


Cyan (0%)

Magenta (80%)

Yellow (88%)

Black (24%)



Cyan (24%)


Magenta (85%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1385, 12.9863, 2.1512 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 23.1385, 12.9863, 2.1512 by changing the saturation by 10% instead.


 23.1385, 12.9863,
2.1512


 23.1385, 12.9863,
2.1512


260.9576,
210.8299, 124.6821


 14.8171, 7.4191,
0.6460


 48.0856, 31.2792,
9.4502

 8.7766, 3.7256,
0.0000


 65.4420, 44.7736,
16.1148


 4.6517, 1.5213,
0.0000

 86.5408, 61.6793,
25.3475

 2.0770, 0.3036,
0.0000

 111.7473, 82.3806,
37.5670


 0.6767, 0.0000,
0.0000


 141.4269,
107.2619, 53.1916


 0.0000, 0.0000,
0.0000


 175.9449,


136.7076, 72.6400


 215.6667,
171.1022, 96.3306


 23.1385, 12.9863,
2.1512


 23.1385, 12.9863,
2.1512


 22.5474, 12.0277,
1.2653


 24.1397, 14.5433,
3.8590

 22.4505, 11.8743,
1.1087

 25.6143, 16.7752,
6.5613

 27.6121, 19.7485,
10.3792

 30.1765, 23.5208,
15.4161

 33.3463, 28.1441,
21.7640

■ 37.1569, 33.6661,
29.5057

■ 41.6409, 40.1308,
38.7173

■ 46.8286, 47.5795,
49.4695

■ 52.7487, 56.0508,
61.8282

Harmonies

Analogous

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



26.8082, 12.9863, 9.8868



23.1385, 12.9863, 2.1512



16.8156, 12.9863, 0.2311

Triad

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



23.1385, 12.9863, 2.1512



4.6457, 12.9863, 5.4685



14.0844, 12.9863, 74.1794

Complementary

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



23.1385, 12.9863, 2.1512



26.2316, 36.3239, 56.6672

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.



8.7435, 12.9863, 68.8558



23.1385, 12.9863, 2.1512



4.3244, 12.9863, 19.4654

Square

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



23.1385, 12.9863, 2.1512



6.6459, 12.9863, 1.0286



5.5690, 12.9863, 44.5645



20.6152, 12.9863, 56.0428

Rectangle

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



23.1385, 12.9863, 2.1512



12.6020, 12.9863, 0.0000



5.5690, 12.9863, 44.5645



12.0878, 12.9863, 75.2498

Sweetspot

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



23.1388, 12.9871, 2.1514



68.2414, 62.3269, 55.3424



30.7958, 15.4110, 44.4422



14.3685, 12.8167, 10.9437



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.



23.1388, 12.9871, 2.1514



40.6006, 21.3647, 1.9839



29.5164, 25.7424, 4.2773



10.1431, 10.2177, 10.4995



14.7871, 7.8599, 0.7377



0.6638, 0.3894, 0.0402

Inverse Universe

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



26.2316, 36.3239, 56.6672



45.9822, 63.7371, 102.3488



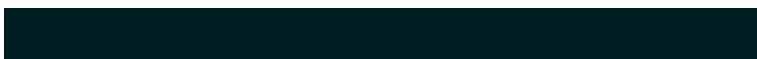
14.1914, 12.2436, 52.6538



10.2900, 11.2714, 12.9181



16.7525, 23.2616, 37.1636



0.7465, 1.0505, 1.6133

Previews

White Background



This preview shows how the XYZ color 23.1385, 12.9863, 2.1512 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 23.1385, 12.9863, 2.1512

Background



This preview shows how black text looks on a background with the XYZ color 23.1385, 12.9863, 2.1512.



This preview shows how white text looks on a background with the XYZ color 23.1385, 12.9863,

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

23.1385, 12.9863, 2.1512

Protanopia

12.0570, 13.2266, 3.8370

Deuteranopia

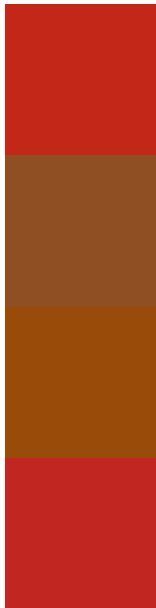
13.3280, 13.2165, 1.8486



Tritanopia

23.2436, 12.9260, 3.0202

Trichromacy



Original Color

23.1385, 12.9863, 2.1512

Protanomaly

14.4124, 11.5471, 2.9826

Deuteranomaly

15.7706, 11.9609, 1.7359

Tritanomaly

23.2020, 12.9598, 2.6451

Monochromacy



Original Color

23.1385, 12.9863, 2.1512

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

11.2488, 8.7671, 5.6568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1385, 12.9863, 2.1512 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(194, 39, 24)` looks like.

```
.text, #text, p{  
    color:rgb(194, 39, 24)  
}
```

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(194, 39, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 39, 24) }
```

Border

The CSS property to change the border of an element to XYZ 23.1385, 12.9863, 2.1512 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(194, 39, 24) }
```


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

```
.border{ border-color:rgb(194, 39, 24) }
```

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

Here you see how a box with a 4 pixel rgb(194, 39, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 39, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 39, 24);  
box-shadow:4px 4px 4px 4px rgb(194, 39,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1385, 12.9863, 2.1512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 39, 24) }
```

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

```
.background{ background-color: rgb(194, 39,  
24) }
```

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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