

Converting Colors

XYZ(20.4376, 11.0500, 2.0355)

Have a look what the booklet for
XYZ(20.4376, 11.0500, 2.0355)
contains.

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Color

**XYZ(20.5634, 11.1277,
2.0413)**

Conversions

Conversions Part 1

Format	Color
Hex	B91A1A
RGB	185, 26, 26
RGB Percent	73%, 10%, 10%
CMY	0.2745, 0.8980, 0.8980
CMYK	0.00, 0.86, 0.86, 0.27
HSL	0°, 75%, 41%
HSV	0°, 86%, 73%
XYZ	20.5634, 11.1277, 2.0413
YIQ	73.5410, 94.7640, 33.7080

Conversions

Conversions Part 2

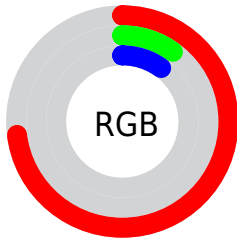
Format	Color
RYB	185, 26, 26
Decimal	12130842
CIELab	39.79, 59.67, 43.07
CIElCh	40, 73.586, 35.821
Yxy	11.1277, 0.6096, 0.3299
Android (android.graphics.Color)	4290320922 (0xFFB91A1A)
YUV	73.5410, -23.4377, 97.7495
Hunter-Lab	33.3582, 51.6580, 19.7226

Details

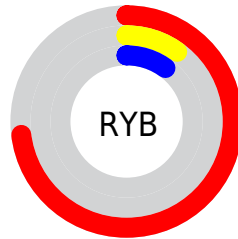
The XYZ color **20.5634, 11.1277, 2.0413** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **26.5276, 38.4119, 51.9145**, and the grayscale version is **6.4577, 6.7940, 7.3987**.

A 20% lighter version of the original color is **43.8928, 27.9199, 9.2066**, and **8.0260, 4.1376, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **20.1301, 10.4939, 1.1799**, and if you desaturate by 10%, it is **21.3915, 12.3399, 3.6868**.

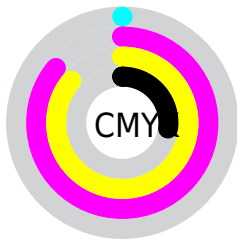
Distribution



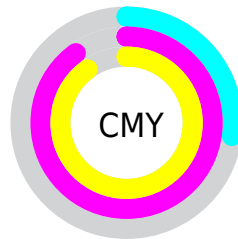
- Red (73%)
- Green (10%)
- Blue (10%)



- Red (73%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (86%)
- Yellow (86%)
- Black (27%)





- Cyan (27%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.5634, 11.1277, 2.0413 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 20.5634, 11.1277, 2.0413 by changing the saturation by 10% instead.


 20.5634, 11.1277,
2.0413


 20.5634, 11.1277,
2.0413


247.7249,
198.5416, 123.0148


 12.9159, 6.1528,
0.5805


 43.8565, 27.8961,
9.1534


 7.4472, 2.9382,
0.0000


 60.2329, 40.4583,
15.6905


 3.7921, 1.0996,
0.0000

 80.2495, 56.3185,
24.7729

 1.5852, 0.0000,
0.0000

 104.2718, 75.8609,
36.8193

 0.3828, 0.0000,
0.0000


 132.6652, 99.4701,
52.2481


 0.0000, 0.0000,
0.0000


 165.7949,


127.5303, 71.4779


 204.0263,
160.4260, 94.9273


 20.5634, 11.1277,
2.0413


 20.5634, 11.1277,
2.0413


 20.1301, 10.4939,
1.1799


 21.3915, 12.3399,
3.6868

 20.0076, 10.3147,
0.9364

 22.6829, 14.2297,
6.2537

 24.4920, 16.8771,
9.8499

 26.8657, 20.3505,
14.5686

 29.8455, 24.7108,
20.4922

■ 33.4691, 30.0131,
27.6958

■ 37.7710, 36.3080,
36.2481

■ 42.7835, 43.6425,
46.2130

■ 48.5365, 52.0606,
57.6502

Harmonies

Analogous

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



23.4735, 11.1277, 9.5092



20.5634, 11.1277, 2.0413



15.0722, 11.1277, 0.1035

Triad

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



20.5634, 11.1277, 2.0413



3.9619, 11.1277, 3.9232



11.5921, 11.1277, 66.1679

Complementary

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



20.5634, 11.1277, 2.0413



26.5276, 38.4119, 51.9145

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.



7.0776, 11.1277, 59.3004



20.5634, 11.1277, 2.0413



3.5597, 11.1277, 15.1607

Square

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



20.5634, 11.1277, 2.0413



5.8513, 11.1277, 0.6253



4.4959, 11.1277, 36.7617



17.3369, 11.1277, 51.5368

Rectangle

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



20.5634, 11.1277, 2.0413



11.2999, 11.1277, 0.0000



4.4959, 11.1277, 36.7617



9.8847, 11.1277, 66.3835

Sweetspot

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



20.5636, 11.1284, 2.0415



59.6054, 53.2590, 48.9313



29.1336, 14.5557, 47.1725



12.3450, 10.7431, 9.5453



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



20.5636, 11.1284, 2.0415



35.8337, 18.4734, 1.6771



25.2964, 20.5940, 3.6191



9.0047, 9.0124, 9.3719



13.6236, 7.0235, 0.6376



0.4803, 0.2477, 0.0225

Inverse Universe

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



26.5276, 38.4119, 51.9145



46.7470, 68.4001, 92.9433



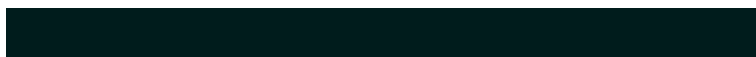
14.2855, 13.9276, 47.8338



9.2666, 10.2105, 11.5618



17.7727, 26.0050, 35.3358



0.6266, 0.9168, 1.2457

Previews

White Background



This preview shows how the XYZ color 20.5634, 11.1277, 2.0413 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 20.5634, 11.1277, 2.0413 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 20.5634, 11.1277, 2.0413

Background



This preview shows how black text looks on a background with the XYZ color 20.5634, 11.1277, 2.0413.



This preview shows how white text looks on a background with the XYZ color 20.5634, 11.1277,

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

20.5634, 11.1277, 2.0413

Protanopia

10.4540, 11.4158, 3.8430

Deuteranopia

11.4019, 11.3054, 1.5812



Tritanopia

20.5418, 11.1190, 1.9277

Trichromacy



Original Color

20.5634, 11.1277, 2.0413

Protanomaly

12.5003, 9.6586, 2.8745

Deuteranomaly

13.5581, 9.9633, 1.4670

Tritanomaly

20.5524, 11.1233, 1.9835

Monochromacy



Original Color

20.5634, 11.1277, 2.0413

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

9.1411, 6.7991, 4.7015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5634, 11.1277, 2.0413 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(185, 26, 26)` looks like.

```
.text, #text, p{  
    color:rgb(185, 26, 26)  
}
```

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(185, 26, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 26, 26) }
```

Border

The CSS property to change the border of an element to XYZ 20.5634, 11.1277, 2.0413 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(185, 26, 26) }
```


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

```
.border{ border-color:rgb(185, 26, 26) }
```

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

Here you see how a box with a 4 pixel rgb(185, 26, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 26, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 26, 26);  
box-shadow:4px 4px 4px 4px rgb(185, 26,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5634, 11.1277, 2.0413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 26, 26) }
```

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

```
.background{ background-color: rgb(185, 26,  
26) }
```

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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