

Converting Colors

XYZ(20.1301, 10.9724, 2.0342)

Have a look what the booklet for
XYZ(20.1301, 10.9724, 2.0342)
contains.

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Color

**XYZ(20.1301, 10.9724,
2.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	B71C1A
RGB	183, 28, 26
RGB Percent	72%, 11%, 10%
CMY	0.2824, 0.8901, 0.8980
CMYK	0.00, 0.85, 0.86, 0.28
HSL	1°, 75%, 41%
HSV	1°, 86%, 72%
XYZ	20.1301, 10.9724, 2.0342
YIQ	74.1170, 93.0220, 32.2380

Conversions

Conversions Part 2

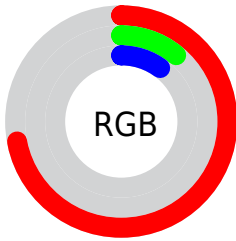
Format	Color
RYB	183, 28, 26
Decimal	12000282
CIELab	39.53, 58.67, 42.68
CIElCh	40, 72.550, 36.035
Yxy	10.9724, 0.6075, 0.3311
Android (android.graphics.Color)	4290190362 (0xFFB71C1A)
YUV	74.1170, -23.7217, 95.4904
Hunter-Lab	33.1246, 50.5078, 19.5462

Details

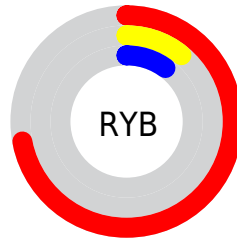
The XYZ color **20.1301, 10.9724, 2.0342** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **25.4934, 36.6789, 50.5353**, and the grayscale version is **6.5605, 6.9021, 7.5164**.

A 20% lighter version of the original color is **43.2686, 27.7242, 9.2017**, and **7.8852, 4.0649, 0.3690** is the 20% darker color. If you saturate the color by 10%, you get **19.6784, 10.3001, 1.1721**, and if you desaturate by 10%, it is **20.9687, 12.2117, 3.6645**.

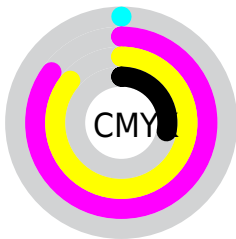
Distribution



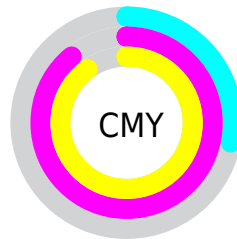
- Red (72%)
- Green (11%)
- Blue (10%)



- Red (72%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (85%)
- Yellow (86%)
- Black (28%)



- Cyan (28%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1301, 10.9724, 2.0342 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 20.1301, 10.9724, 2.0342 by changing the saturation by 10% instead.

■ 20.1301, 10.9724,
2.0342

■ 20.1301, 10.9724,
2.0342

245.4387,
197.4781, 122.9056

■ 12.5985, 6.0483,
0.5762

■ 43.1375, 27.6091,
9.1341

■ 7.2277, 2.8745,
0.0000

■ 59.3439, 40.0905,
15.6628

■ 3.6525, 1.0665,
0.0000

■ 79.1727, 55.8598,
24.7354

■ 1.5075, 0.0000,
0.0000

■ 102.9891, 75.3013,
36.7704


■ 0.3309, 0.0000,
0.0000


■ 131.1586, 98.7995,
52.1864


■ 0.0000, 0.0000,
0.0000


■ 164.0464,


126.7388, 71.4019


 202.0180,
159.5035, 94.8354


 20.1301, 10.9724,
2.0342


 20.1301, 10.9724,
2.0342

 19.6784, 10.3001,
1.1721

 20.9687, 12.2117,
3.6645

 19.5537, 10.1182,
0.9224

 22.2560, 14.1050,
6.1938

 24.0430, 16.7264,
9.7263

 26.3737, 20.1394,
14.3519

 29.2873, 24.4008,
20.1504

■ 32.8195, 29.5621,
27.1944

■ 37.0028, 35.6707,
35.5504

■ 41.8678, 42.7706,
45.2803

■ 47.4430, 50.9033,
56.4420

Harmonies

Analogous

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



22.9868, 10.9724, 9.3134



20.1301, 10.9724, 2.0342



14.7742, 10.9724, 0.1305

Triad

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



20.1301, 10.9724, 2.0342



3.9421, 10.9724, 3.9629



11.4579, 10.9724, 64.4154

Complementary

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



20.1301, 10.9724, 2.0342



25.4934, 36.6789, 50.5353

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.



7.0320, 10.9724, 57.9115



20.1301, 10.9724, 2.0342



3.5556, 10.9724, 15.0356

Square

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



20.1301, 10.9724, 2.0342



5.7861, 10.9724, 0.6637



4.4866, 10.9724, 36.1024



17.0610, 10.9724, 50.1129

Rectangle

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



20.1301, 10.9724, 2.0342



11.0985, 10.9724, 0.0000



4.4866, 10.9724, 36.1024



9.7868, 10.9724, 64.6786

Sweetspot

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



20.1303, 10.9731, 2.0344



58.3423, 52.3066, 47.8320



28.4448, 14.2248, 46.0457



12.3811, 10.8154, 9.5573



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.



20.1303, 10.9731, 2.0344



35.0082, 18.0965, 1.6478



24.7154, 20.1433, 3.5627



9.0136, 9.0302, 9.3748



13.6451, 7.0665, 0.6448



0.4842, 0.2554, 0.0238

Inverse Universe

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



25.4934, 36.6789, 50.5353



44.7603, 65.0277, 90.4282



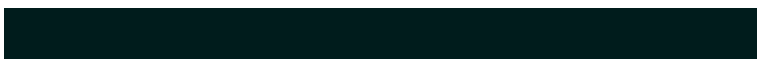
13.9739, 13.6400, 46.6955



9.2565, 10.1903, 11.5585



17.4444, 25.3486, 35.2264



0.6181, 0.8999, 1.2429

Previews

White Background



This preview shows how the XYZ color 20.1301, 10.9724, 2.0342 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 20.1301, 10.9724, 2.0342

Background



This preview shows how black text looks on a background with the XYZ color 20.1301, 10.9724, 2.0342.



This preview shows how white text looks on a background with the XYZ color 20.1301, 10.9724,

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

20.1301, 10.9724, 2.0342

Protanopia

10.3358, 11.3548, 3.8374

Deuteranopia

11.4019, 11.3054, 1.5812



Tritanopia

20.1301, 10.9724, 2.0342

Trichromacy



Original Color

20.1301, 10.9724, 2.0342

Protanomaly

12.2445, 9.6204, 2.8806

Deuteranomaly

13.3842, 9.8737, 1.4588

Tritanomaly

20.1301, 10.9724, 2.0342

Monochromacy



Original Color

20.1301, 10.9724, 2.0342

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 20.1301, 10.9724, 2.0342 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(183, 28, 26)` looks like.

```
.text, #text, p{  
    color:rgb(183, 28, 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(183, 28, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 28, 26) }
```

Border

The CSS property to change the border of an element to XYZ 20.1301, 10.9724, 2.0342 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(183, 28, 26) }
```


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

```
.border{ border-color:rgb(183, 28, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 28, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 28, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 28, 26);  
box-shadow:4px 4px 4px 4px rgb(183, 28,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1301, 10.9724, 2.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 28, 26) }
```

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

```
.background{ background-color: rgb(183, 28,  
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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