

Converting Colors

XYZ(20.6496, 10.9442, 2.6327)

Have a look what the booklet for
XYZ(20.6496, 10.9442, 2.6327)
contains.

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Color

**XYZ(20.5438, 10.9014,
2.6115)**

Conversions

Conversions Part 1

Format	Color
Hex	B91323
RGB	185, 19, 35
RGB Percent	73%, 7%, 14%
CMY	0.2745, 0.9254, 0.8627
CMYK	0.00, 0.90, 0.81, 0.27
HSL	354°, 81%, 40%
HSV	354°, 90%, 73%
XYZ	20.5438, 10.9014, 2.6115
YIQ	70.4580, 93.8000, 40.1680

Conversions

Conversions Part 2

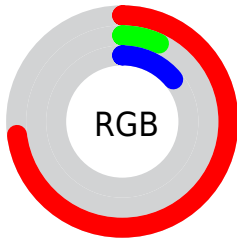
Format	Color
R_{YB}	185, 19, 35
Decimal	12129059
CIE Lab	39.41, 61.21, 37.86
CIE LCh	39, 71.977, 31.739
Yxy	10.9014, 0.6032, 0.3201
Android (android.graphics.Color)	4290319139 (0xFFB91323)
YUV	70.4580, -17.4808, 100.4533
Hunter-Lab	33.0173, 53.2849, 18.4225

Details

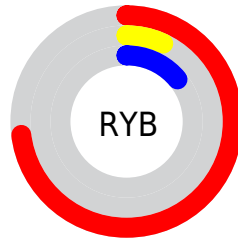
The XYZ color **20.5438, 10.9014, 2.6115** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **24.7814, 37.7017, 43.5183**, and the grayscale version is **5.9173, 6.2255, 6.7795**.

A 20% lighter version of the original color is **43.9231, 27.5353, 10.5893**, and **8.1684, 4.2110, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **20.1246, 10.3702, 1.5254**, and if you desaturate by 10%, it is **21.2989, 11.9156, 4.3931**.

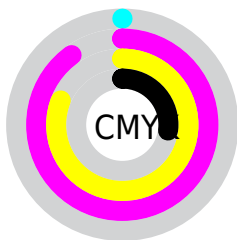
Distribution



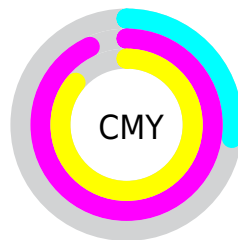
- Red (73%)
- Green (7%)
- Blue (14%)



- Red (73%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (90%)
- Yellow (81%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5438, 10.9014, 2.6115 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 20.5438, 10.9014, 2.6115 by changing the saturation by 10% instead.

■ 20.5438, 10.9014,
2.6115

■ 20.5438, 10.9014,
2.6115

247.6219,
196.9898, 131.2474

■ 12.9015, 6.0006,
0.8984

■ 43.8241, 27.4777,
10.6537

■ 7.4373, 2.8454,
0.0000

■ 60.1927, 39.9220,
17.8214

■ 3.7858, 1.0516,
0.0000

■ 80.2009, 55.6495,
27.6448

■ 1.5817, 0.0000,
0.0000

■ 104.2140, 75.0446,
40.5426


■ 0.3804, 0.0000,
0.0000


■ 132.5972, 98.4919,
56.9332


■ 0.0000, 0.0000,
0.0000


■ 165.7161,


126.3756, 77.2351


 203.9358,
159.0801, 101.8670


 20.5438, 10.9014,
2.6115


 20.5438, 10.9014,
2.6115


 20.1246, 10.3702,
1.5254


 21.2989, 11.9156,
4.3931

 20.1150, 10.3572,
1.5030

 22.4795, 13.5676,
6.9733

 24.1372, 15.9403,
10.4318

 26.3160, 19.1039,
14.8388

 29.0547, 23.1198,
20.2571

■ 32.3885, 28.0438,
26.7441

■ 36.3499, 33.9266,
34.3532

■ 40.9686, 40.8154,
43.1338

■ 46.2729, 48.7541,
53.1326

Harmonies

Analogous

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



22.8276, 10.9014, 11.0742



20.5438, 10.9014, 2.6115



15.4596, 10.9014, 0.3186

Triad

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



20.5438, 10.9014, 2.6115



4.1070, 10.9014, 3.1598



10.6483, 10.9014, 63.9442

Complementary

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



20.5438, 10.9014, 2.6115



24.7814, 37.7017, 43.5183

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.



6.5289, 10.9014, 54.6462



20.5438, 10.9014, 2.6115



3.5356, 10.9014, 12.7026

Square

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



20.5438, 10.9014, 2.6115



6.1737, 10.9014, 0.4713



4.2623, 10.9014, 32.3136



16.1114, 10.9014, 52.4241

Rectangle

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



20.5438, 10.9014, 2.6115



11.7665, 10.9014, 0.0000



4.2623, 10.9014, 32.3136



9.0730, 10.9014, 63.1302

Sweetspot

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



20.5440, 10.9021, 2.6117



59.5218, 52.4702, 50.8201



25.2242, 12.3383, 46.9505



12.3518, 10.6004, 10.0290



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.



20.5440, 10.9021, 2.6117



35.9888, 18.5350, 2.4952



23.4063, 16.9237, 2.6501



9.0388, 9.0259, 9.5517



13.7094, 7.0575, 1.0906



0.4951, 0.2535, 0.1004

Inverse Universe

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



20.5440, 10.9021, 2.6117



35.9888, 18.5350, 2.4952



15.5763, 16.7422, 48.3091



9.0388, 9.0259, 9.5517



13.7094, 7.0575, 1.0906



0.4951, 0.2535, 0.1004

Previews

White Background



This preview shows how the XYZ color 20.5438, 10.9014, 2.6115 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 20.5438, 10.9014, 2.6115

Background



This preview shows how black text looks on a background with the XYZ color 20.5438, 10.9014, 2.6115.



This preview shows how white text looks on a background with the XYZ color 20.5438, 10.9014,

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

20.5438, 10.9014, 2.6115

Protanopia

10.4670, 11.3938, 5.1376

Deuteranopia

11.3902, 11.2848, 2.2397



Tritanopia

20.4037, 10.9318, 1.6069

Trichromacy



Original Color

20.5438, 10.9014, 2.6115

Protanomaly

12.1931, 9.2061, 3.8236

Deuteranomaly

13.3366, 9.5766, 2.0653

Tritanomaly

20.4406, 10.9166, 1.8939

Monochromacy



Original Color

20.5438, 10.9014, 2.6115

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

8.6044, 6.1078, 4.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5438, 10.9014, 2.6115 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, 19, 35)` looks like.

```
.text, #text, p{  
    color:rgb(185, 19, 35)  
}
```

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, 19, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 19, 35) }
```

Border

The CSS property to change the border of an element to XYZ 20.5438, 10.9014, 2.6115 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, 19, 35) }
```


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

```
.border{ border-color:rgb(185, 19, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 19, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 19, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 19, 35);  
box-shadow:4px 4px 4px 4px rgb(185, 19,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5438, 10.9014, 2.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 19, 35) }
```

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

```
.background{ background-color: rgb(185, 19,  
35) }
```

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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