

Converting Colors

XYZ(23.3016, 11.8645, 9.2044)

Have a look what the booklet for
XYZ(23.3016, 11.8645, 9.2044)
contains.

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Color

**XYZ(23.3213, 11.8744,
9.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	C00253
RGB	192, 2, 83
RGB Percent	75%, 1%, 33%
CMY	0.2471, 0.9920, 0.6745
CMYK	0.00, 0.99, 0.57, 0.25
HSL	334°, 98%, 38%
HSV	334°, 99%, 75%
XYZ	23.3213, 11.8744, 9.2464
YIQ	68.0440, 87.2390, 65.4710

Conversions

Conversions Part 2

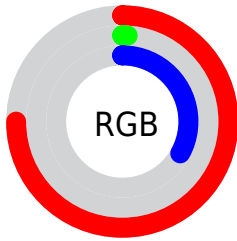
Format	Color
R_{YB}	192, 2, 83
Decimal	12583507
CIE Lab	41.02, 67.26, 10.39
CIE LCh	41, 68.063, 8.784
Yxy	11.8744, 0.5248, 0.2672
Android (android.graphics.Color)	4290773587 (0xFFC00253)
YUV	68.0440, 7.3733, 108.7094
Hunter-Lab	34.4593, 60.5014, 8.2123

Details

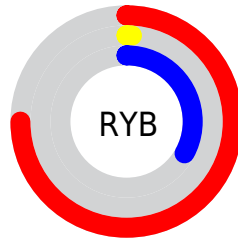
The XYZ color **23.3213, 11.8744, 9.2464** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **21.7461, 38.8608, 21.4032**, and the grayscale version is **5.4831, 5.7686, 6.2821**.

A 20% lighter version of the original color is **48.2864, 29.2338, 24.9275**, and **9.7263, 4.9718, 2.3665** is the 20% darker color. If you saturate the color by 10%, you get **23.2548, 11.8131, 9.0039**, and if you desaturate by 10%, it is **24.0318, 12.5598, 11.7513**.

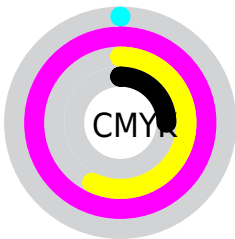
Distribution



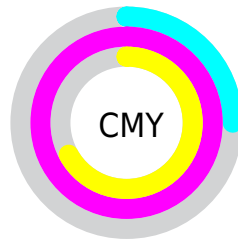
- Red (75%)
- Green (1%)
- Blue (33%)



- Red (75%)
- Yellow (1%)
- Blue (33%)



- Cyan (0%)
- Magenta (99%)
- Yellow (57%)
- Black (25%)





- Cyan (25%)
- Magenta (99%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.3213, 11.8744, 9.2464 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 23.3213, 11.8744, 9.2464 by changing the saturation by 10% instead.

 23.3213, 11.8744,
9.2464


 23.3213, 11.8744,
9.2464


261.8756,
203.5720, 195.4908


 14.9529, 6.6582,
4.8032


 48.3831, 29.2661,
24.9533


 8.8725, 3.2493,
2.0756


 65.8073, 42.2105,
37.0542


 4.7145, 1.2632,
0.6012

 86.9808, 58.4997,
52.5447

 2.1138, 0.1125,
0.0000

 112.2690, 78.5181,
71.8434

 0.6967, 0.0000,
0.0000

 142.0372,
102.6501, 95.3688

 0.0000, 0.0000,
0.0000

 176.6508,

131.2802, 123.5395

216.4752,
164.7927, 156.7739

■ 23.3213, 11.8744,
9.2464

■ 23.3213, 11.8744,
9.2464

■ 23.2548, 11.8131,
9.0039

■ 24.0318, 12.5598,
11.7513

■ 25.0632, 13.7740,
14.7113

■ 26.4902, 15.6620,
18.1651

■ 28.3573, 18.3084,
22.1408

■ 30.7025, 21.7854,
26.6632

■ 33.5595, 26.1566,
31.7556

■ 36.9589, 31.4792,
37.4394

■ 40.9286, 37.8058,
43.7348

■ 45.4947, 45.1851,
50.6610

Harmonies

Analogous

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



22.4790, 11.8744, 25.2862



23.3213, 11.8744, 9.2464



20.2875, 11.8744, 2.3481

Triad

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



23.3213, 11.8744, 9.2464



6.3726, 11.8744, 1.2608



8.2216, 11.8744, 57.6001

Complementary

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



23.3213, 11.8744, 9.2464



21.7461, 38.8608, 21.4032

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.



5.4411, 11.8744, 38.1014



23.3213, 11.8744, 9.2464



4.6073, 11.8744, 5.4423

Square

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



23.3213, 11.8744, 9.2464



9.9140, 11.8744, 0.2414



4.3241, 11.8744, 17.4793



12.7797, 11.8744, 61.7723

Rectangle

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



23.3213, 11.8744, 9.2464



16.8770, 11.8744, 0.8745



4.3241, 11.8744, 17.4793



7.0906, 11.8744, 52.1806

Sweetspot

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



23.3216, 11.8751, 9.2466



65.9531, 55.4375, 66.1812



15.9273, 7.1445, 50.4086



13.5753, 10.9924, 13.2458



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.



23.3216, 11.8751, 9.2466



42.0167, 21.3568, 15.6833



21.9159, 11.5441, 1.1315



10.2474, 10.1476, 11.3932



15.6853, 7.9639, 6.2551



0.7122, 0.3579, 0.4516

Inverse Universe

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



23.3216, 11.8751, 9.2466



42.0167, 21.3568, 15.6833



25.7273, 36.1937, 55.4992



10.2474, 10.1476, 11.3932



15.6853, 7.9639, 6.2551



0.7122, 0.3579, 0.4516

Previews

White Background



This preview shows how the XYZ color 23.3213, 11.8744, 9.2464 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 23.3213, 11.8744, 9.2464 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 23.3213, 11.8744, 9.2464

Background



This preview shows how black text looks on a background with the XYZ color 23.3213, 11.8744, 9.2464.



This preview shows how white text looks on a background with the XYZ color 23.3213, 11.8744,

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

23.3213, 11.8744, 9.2464

Protanopia

12.4350, 12.4955, 19.8456

Deuteranopia

12.6983, 12.4743, 8.3951



Tritanopia

22.0398, 12.1391, 2.5480

Trichromacy



Original Color

23.3213, 11.8744, 9.2464

Protanomaly

13.6373, 9.3624, 14.9983

Deuteranomaly

14.5455, 9.8168, 8.3359

Tritanomaly

22.3703, 11.8892, 4.2478

Monochromacy



Original Color

23.3213, 11.8744, 9.2464

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

8.9133, 5.7931, 6.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3213, 11.8744, 9.2464 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(192, 2, 83)` looks like.

```
.text, #text, p{  
    color:rgb(192, 2, 83)  
}
```

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(192, 2, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 2, 83) }
```

Border

The CSS property to change the border of an element to XYZ 23.3213, 11.8744, 9.2464 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(192, 2, 83) }
```


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

```
.border{ border-color:rgb(192, 2, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 2, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 2, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 2, 83);  
box-shadow:4px 4px 4px 4px rgb(192, 2, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 23.3213, 11.8744, 9.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 2, 83) }
```

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

```
.background{ background-color: rgb(192, 2,  
83) }
```

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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