

Converting Colors

XYZ(22.3000, 11.5993, 2.6435)

Have a look what the booklet for
XYZ(22.3000, 11.5993, 2.6435)
contains.

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Color

**XYZ(22.3934, 11.6542,
2.6593)**

Conversions

Conversions Part 1

Format	Color
Hex	C10923
RGB	193, 9, 35
RGB Percent	76%, 4%, 14%
CMY	0.2431, 0.9646, 0.8627
CMYK	0.00, 0.95, 0.82, 0.24
HSL	352°, 91%, 40%
HSV	352°, 95%, 76%
XYZ	22.3934, 11.6542, 2.6593
YIQ	66.9800, 101.3180, 47.0940

Conversions

Conversions Part 2

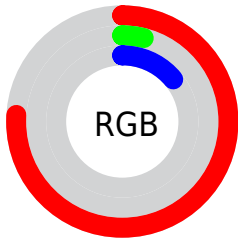
Format	Color
RYB	193, 9, 35
Decimal	12650787
CIELab	40.66, 64.59, 39.66
CIELCh	41, 75.792, 31.556
Yxy	11.6542, 0.6101, 0.3175
Android (android.graphics.Color)	4290840867 (0xFFC10923)
YUV	66.9800, -15.7661, 110.5195
Hunter-Lab	34.1382, 57.3473, 19.2782

Details

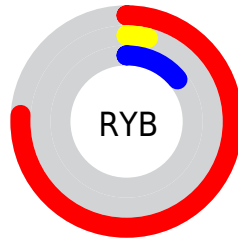
The XYZ color **22.3934, 11.6542, 2.6593** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **26.1615, 40.9894, 43.1105**, and the grayscale version is **5.3481, 5.6266, 6.1274**.

A 20% lighter version of the original color is **45.9365, 28.3362, 10.6377**, and **9.2059, 4.7458, 0.4308** is the 20% darker color. If you saturate the color by 10%, you get **22.1928, 11.4176, 2.0855**, and if you desaturate by 10%, it is **23.0258, 12.4282, 4.3843**.

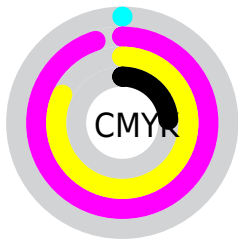
Distribution



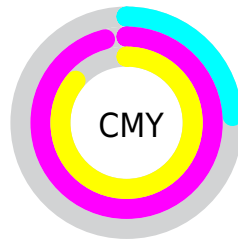
- Red (76%)
- Green (4%)
- Blue (14%)



- Red (76%)
- Yellow (4%)
- Blue (14%)



- Cyan (0%)
- Magenta (95%)
- Yellow (82%)
- Black (24%)





- Cyan (24%)
- Magenta (96%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.3934, 11.6542, 2.6593 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 22.3934, 11.6542, 2.6593 by changing the saturation by 10% instead.


 22.3934, 11.6542,
2.6593

 22.3934, 11.6542,
2.6593


257.1878,
202.1024, 131.8955


 14.2645, 6.5087,
0.9228


 46.8694, 28.8637,
10.7755


 8.3878, 3.1568,
0.0000


 63.9471, 41.6965,
17.9929


 4.3979, 1.2141,
0.0000

 84.7385, 57.8605,
27.8745

 1.9296, 0.0732,
0.0000

 109.6089, 77.7401,
40.8390

 0.5940, 0.0000,
0.0000

 138.9237,
101.7197, 57.3048

 0.0000, 0.0000,
0.0000

 173.0482,

130.1836, 77.6904

212.3478,
163.5164, 102.4145

22.3934, 11.6542,
2.6593

22.3934, 11.6542,
2.6593

22.1928, 11.4176,
2.0855

23.0258, 12.4282,
4.3843

24.0824, 13.8411,
6.8956

25.6246, 15.9959,
10.2749

27.7030, 18.9767,
14.5932

30.3617, 22.8557,
19.9139

■ 33.6404, 27.6977,
26.2950

■ 37.5750, 33.5612,
33.7900

■ 42.1989, 40.5002,
42.4487

■ 47.5429, 48.5649,
52.3180

Harmonies

Analogous

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



24.9145, 11.6542, 11.9043



22.3934, 11.6542, 2.6593



16.7507, 11.6542, 0.2421

Triad

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



22.3934, 11.6542, 2.6593



4.2585, 11.6542, 3.1800



11.3593, 11.6542, 71.0295

Complementary

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



22.3934, 11.6542, 2.6593



26.1615, 40.9894, 43.1105

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.



6.8553, 11.6542, 60.4027



22.3934, 11.6542, 2.6593



3.6354, 11.6542, 13.5083

Square

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



22.3934, 11.6542, 2.6593



6.5091, 11.6542, 0.3860



4.4083, 11.6542, 35.2706



17.3978, 11.6542, 58.1619

Rectangle

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



22.3934, 11.6542, 2.6593



12.6614, 11.6542, 0.0000



4.4083, 11.6542, 35.2706



9.6306, 11.6542, 70.0589

Sweetspot

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



22.3937, 11.6549, 2.6595



64.2356, 55.5356, 54.7169



25.3252, 12.0893, 51.4504



13.1450, 10.9679, 10.5246



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.



22.3937, 11.6549, 2.6595



39.6959, 20.4285, 3.4619



24.4522, 16.1783, 2.0935



10.1298, 10.1005, 10.7741



14.7789, 7.6013, 1.4817



0.6576, 0.3361, 0.1645

Inverse Universe

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



22.3937, 11.6549, 2.6595



39.6959, 20.4285, 3.4619



17.5381, 19.5073, 53.2927



10.1298, 10.1005, 10.7741



14.7789, 7.6013, 1.4817



0.6576, 0.3361, 0.1645

Previews

White Background



This preview shows how the XYZ color 22.3934, 11.6542, 2.6593 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 22.3934, 11.6542, 2.6593

Background



This preview shows how black text looks on a background with the XYZ color 22.3934, 11.6542, 2.6593.



This preview shows how white text looks on a background with the XYZ color 22.3934, 11.6542,

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

22.3934, 11.6542, 2.6593

Protanopia

11.1207, 12.1370, 5.3710

Deuteranopia

12.1919, 12.0833, 2.2620



Tritanopia

22.2037, 11.7427, 1.1537

Trichromacy



Original Color

22.3934, 11.6542, 2.6593

Protanomaly

12.9629, 9.5131, 3.9493

Deuteranomaly

14.1002, 9.8071, 2.0139

Tritanomaly

22.2286, 11.6832, 1.4990

Monochromacy



Original Color

22.3934, 11.6542, 2.6593

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

8.4766, 5.7405, 4.2757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3934, 11.6542, 2.6593 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(193, 9, 35)` looks like.

```
.text, #text, p{  
    color:rgb(193, 9, 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(193, 9, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 9, 35) }
```

Border

The CSS property to change the border of an element to XYZ 22.3934, 11.6542, 2.6593 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(193, 9, 35) }
```


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

```
.border{ border-color:rgb(193, 9, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 9, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 9, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 9, 35);  
box-shadow:4px 4px 4px 4px rgb(193, 9, 35)  
}
```

Background

The CSS property to change the background color of an element to XYZ 22.3934, 11.6542, 2.6593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 9, 35) }
```

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

```
.background{ background-color: rgb(193, 9,  
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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