

Converting Colors

XYZ(23.1345, 22.3086, 34.5392)

Have a look what the booklet for
XYZ(23.1345, 22.3086, 34.5392)
contains.

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Color

**XYZ(23.1345, 22.3086,
34.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	857E9C
RGB	133, 126, 156
RGB Percent	52%, 49%, 61%
CMY	0.4784, 0.5059, 0.3882
CMYK	0.15, 0.19, 0.00, 0.39
HSL	254°, 13%, 55%
HSV	254°, 19%, 61%
XYZ	23.1345, 22.3086, 34.5392
YIQ	131.5130, -5.4580, 10.8140

Conversions

Conversions Part 2

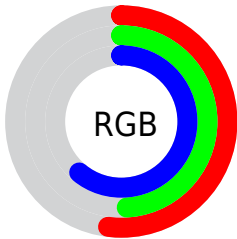
Format	Color
RYB	133, 126, 156
Decimal	8748700
CIELab	54.35, 8.94, -15.10
CIELCh	54, 17.549, 300.621
Yxy	22.3086, 0.2892, 0.2789
Android (android.graphics.Color)	4286938780 (0xFF857E9C)
YUV	131.5130, 12.0721, 1.3041
Hunter-Lab	47.2320, 4.7744, -10.2944

Details

The XYZ color **23.1345, 22.3086, 34.5392** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.0496, 31.6735, 24.3750**, and the grayscale version is **21.7171, 22.8480, 24.8815**.

A 20% lighter version of the original color is **48.1277, 47.3825, 68.2371**, and **8.7710, 8.1667, 14.4786** is the 20% darker color. If you saturate the color by 10%, you get **19.5112, 17.7073, 33.8424**, and if you desaturate by 10%, it is **27.2853, 27.6448, 35.3508**.

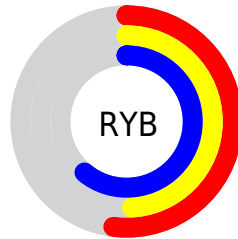
Distribution



Red (52%)

Green (49%)

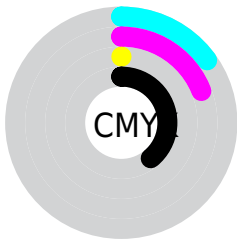
Blue (61%)



Red (52%)

Yellow (49%)

Blue (61%)

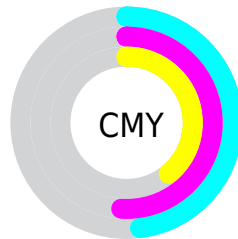


Cyan (15%)

Magenta (19%)

Yellow (0%)

Black (39%)



Cyan (48%)

Magenta (51%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1345, 22.3086, 34.5392 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 23.1345, 22.3086, 34.5392 by changing the saturation by 10% instead.

■ 23.1345, 22.3086,
34.5392

■ 23.1345, 22.3086,
34.5392

260.9375,
264.1536, 337.3719

■ 14.8141, 14.0838,
23.0274

■ 48.0791, 47.2555,
67.9147

■ 8.7745, 8.1790,
14.4083

■ 65.4340, 64.7465,
90.6156

■ 4.6503, 4.2097,
8.2632

■ 86.5312, 86.0949,
117.8832

■ 2.0762, 1.7915,
4.1736

111.7359,
111.6853, 150.1362

■ 0.6762, 0.4819,
1.7211

141.4135,
141.9019, 187.7930

■ 0.0000, 0.0000,
0.3751

175.9294,

■ 0.0000, 0.0000,

177.1293, 231.2722

0.0000

215.6490,
217.7517, 280.9923

■ 23.1345, 22.3086,
34.5392

■ 23.1345, 22.3086,
34.5392

■ 19.5112, 17.7073,
33.8424

■ 27.2853, 27.6448,
35.3508

■ 16.3919, 13.8056,
33.2537

■ 31.9818, 33.7435,
36.2804

■ 13.7540, 10.5696,
32.7681

■ 37.2439, 40.6343,
37.3331

■ 11.5727, 7.9612,
32.3796

■ 43.0899, 48.3444,
38.5132

■ 9.8206, 5.9387,
32.0816

■ 49.5372, 56.8996,
39.8247

8.4674, 4.4548,
31.8665

56.6023, 66.3248,
41.2716

7.4782, 3.4550,
31.7256

64.3015, 76.6436,
42.8575

6.7882, 2.8256,
31.6405

72.6500, 87.8788,
44.5861

6.7422, 2.7825,
31.6346

77.9162, 92.5591,
45.2120

Harmonies

Analogous

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



21.2436, 22.3086, 36.4309



23.1345, 22.3086, 34.5392



24.5759, 22.3086, 29.8381

Triad

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



23.1345, 22.3086, 34.5392



23.0613, 22.3086, 16.2130



17.7316, 22.3086, 24.4047

Complementary

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



23.1345, 22.3086, 34.5392



28.0496, 31.6735, 24.3750

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.



18.1549, 22.3086, 19.4766



23.1345, 22.3086, 34.5392



21.1638, 22.3086, 15.1998

Square

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



23.1345, 22.3086, 34.5392



24.5319, 22.3086, 19.3063



19.3833, 22.3086, 16.3004



18.1909, 22.3086, 30.0657

Rectangle

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



23.1345, 22.3086, 34.5392



25.0469, 22.3086, 26.0492



19.3833, 22.3086, 16.3004



17.7751, 22.3086, 22.6124

Sweetspot

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



23.1352, 22.3095, 34.5397



52.1025, 53.5045, 64.7081



25.4324, 28.4901, 35.6116



11.3573, 11.6339, 14.2174



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.1352, 22.3095, 34.5397



39.1236, 36.8284, 62.1733



25.5849, 23.5724, 34.6543



6.4224, 6.5062, 8.3240



5.5801, 2.3057, 26.0582



0.1331, 0.0584, 0.4675

Inverse Universe

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



26.5968, 24.1605, 31.6965



46.6040, 40.8310, 55.9084



25.5665, 30.3934, 24.2588



6.8379, 6.7281, 7.9976



14.0796, 6.9364, 15.2022



0.2666, 0.1300, 0.3503

Previews

White Background



This preview shows how the XYZ color 23.1345, 22.3086, 34.5392 looks on a white 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

Black Background



This preview shows how the XYZ color 23.1345, 22.3086, 34.5392 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1345, 22.3086, 34.5392

Background



This preview shows how black text looks on a background with the XYZ color 23.1345, 22.3086, 34.5392.



This preview shows how white text looks on a background with the XYZ color 23.1345, 22.3086,

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

23.1345, 22.3086, 34.5392

Protanopia

22.3340, 22.4542, 35.5047

Deuteranopia

22.7960, 22.3249, 34.5601



Tritanopia

21.7164, 22.3104, 27.5879

Trichromacy



Original Color

23.1345, 22.3086, 34.5392

Protanomaly

22.5574, 22.3847, 35.0301

Deuteranomaly

22.9502, 22.4043, 34.5674

Tritanomaly

22.1901, 22.3080, 29.9244

Monochromacy



Original Color

23.1345, 22.3086, 34.5392

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3061, 22.7939, 28.4233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1345, 22.3086, 34.5392 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(133, 126, 156)` looks like.

```
.text, #text, p{  
    color:rgb(133, 126, 156)  
}
```

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(133, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 126, 156) }
```

Border

The CSS property to change the border of an element to XYZ 23.1345, 22.3086, 34.5392 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(133, 126, 156) }
```


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

```
.border{ border-color:rgb(133, 126, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 126, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 126, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 126, 156);  
box-shadow:4px 4px 4px 4px rgb(133, 126,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1345, 22.3086, 34.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 126, 156) }
```

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

```
.background{ background-color: rgb(133,  
126, 156) }
```

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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