

Converting Colors

XYZ(22.1087, 21.3304, 29.3375)

Have a look what the booklet for
XYZ(22.1087, 21.3304, 29.3375)
contains.

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Color

**XYZ(22.1087, 21.3304,
29.3375)**

Conversions

Conversions Part 1

Format	Color
Hex	877B90
RGB	135, 123, 144
RGB Percent	53%, 48%, 56%
CMY	0.4706, 0.5176, 0.4353
CMYK	0.06, 0.15, 0.00, 0.44
HSL	274°, 9%, 52%
HSV	274°, 15%, 56%
XYZ	22.1087, 21.3304, 29.3375
YIQ	128.9820, 0.4110, 9.0750

Conversions

Conversions Part 2

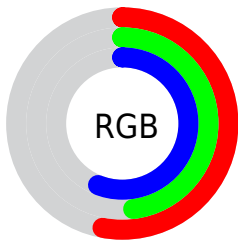
Format	Color
R_{YB}	135, 123, 144
Decimal	8878992
CIE Lab	53.31, 8.75, -9.68
CIE LCh	53, 13.049, 312.127
Yxy	21.3304, 0.3038, 0.2931
Android (android.graphics.Color)	4287069072 (0xFF877B90)
YUV	128.9820, 7.4039, 5.2778
Hunter-Lab	46.1848, 4.6245, -5.3328

Details

The XYZ color **22.1087, 21.3304, 29.3375** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0648, 26.2826, 22.5973**, and the grayscale version is **20.8353, 21.9203, 23.8712**.

A 20% lighter version of the original color is **46.2621, 45.4285, 59.7564**, and **8.2155, 7.6370, 11.6308** is the 20% darker color. If you saturate the color by 10%, you get **19.4879, 17.5202, 28.7405**, and if you desaturate by 10%, it is **25.0511, 25.6977, 30.0257**.

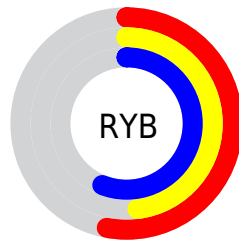
Distribution



Red (53%)

Green (48%)

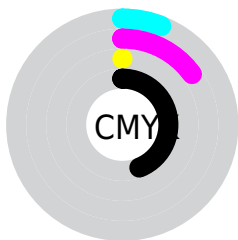
Blue (56%)



Red (53%)

Yellow (48%)

Blue (56%)

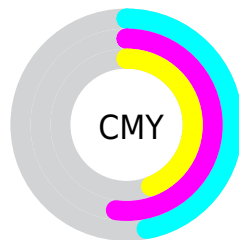


Cyan (6%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (52%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1087, 21.3304, 29.3375 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 22.1087, 21.3304, 29.3375 by changing the saturation by 10% instead.

■ 22.1087, 21.3304,
29.3375

■ 22.1087, 21.3304,
29.3375

255.7351,
259.0292, 312.9147

■ 14.0538, 13.3657,
19.0885

■ 46.4031, 45.6368,
59.6614

■ 8.2401, 7.6809,
11.5568

■ 63.3734, 62.7473,
80.5735

■ 4.3020, 3.8914,
6.3238

■ 84.0461, 83.6751,
105.8770

■ 1.8744, 1.6130,
2.9710

108.7868,
108.8048, 135.9904

■ 0.5619, 0.3664,
1.0798

137.9606,
138.5206, 171.3323

■ 0.0000, 0.0000,
0.0000

171.9331,

173.2071, 212.3214

211.0694,
213.2484, 259.3759

■ 22.1087, 21.3304,
29.3375

■ 22.1087, 21.3304,
29.3375

■ 19.4879, 17.5202,
28.7405

■ 25.0511, 25.6977,
30.0257

■ 17.1744, 14.2409,
28.2295

■ 28.3250, 30.6412,
30.8074

■ 15.1556, 11.4685,
27.8008

■ 31.9419, 36.1827,
31.6863

■ 13.4173, 9.1759,
27.4499

■ 35.9123, 42.3418,
32.6659

■ 11.9436, 7.3331,
27.1718

■ 40.2465, 49.1372,
33.7491

■ 10.7173, 5.9073,
26.9613

■ 44.9538, 56.5870,
34.9390

■ 9.7186, 4.8602,
26.8118

■ 50.0437, 64.7084,
36.2383

■ 8.9224, 4.1438,
26.7155

■ 55.5250, 73.5180,
37.6498

■ 8.5386, 3.8203,
26.6733

■ 61.4064, 83.0319,
39.1762

Harmonies

Analogous

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



20.8372, 21.3304, 31.4864



22.1087, 21.3304, 29.3375



22.9090, 21.3304, 25.6394

Triad

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



22.1087, 21.3304, 29.3375



21.1002, 21.3304, 16.7103



17.7858, 21.3304, 24.8606

Complementary

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



22.1087, 21.3304, 29.3375



23.0648, 26.2826, 22.5973

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.



17.8491, 21.3304, 20.9675



22.1087, 21.3304, 29.3375



19.7209, 21.3304, 16.5523

Square

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



22.1087, 21.3304, 29.3375



22.3088, 21.3304, 18.4862



18.5435, 21.3304, 18.0269



18.3667, 21.3304, 28.7119

Rectangle

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



22.1087, 21.3304, 29.3375



23.0464, 21.3304, 22.9439



18.5435, 21.3304, 18.0269



17.7332, 21.3304, 23.5088

Sweetspot

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



22.1093, 21.3313, 29.3380



44.4584, 45.7354, 53.0226



21.4680, 22.7550, 29.6466



10.1079, 10.3572, 12.1386



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.1093, 21.3313, 29.3380



37.6604, 35.6669, 51.4375



23.5128, 22.0671, 28.8485



5.4060, 5.3975, 6.7857



7.4626, 3.3407, 23.2286



0.0966, 0.0450, 0.2233

Inverse Universe

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



22.7501, 21.7620, 24.8321



38.9994, 36.5657, 42.0810



21.8058, 25.6234, 22.9991



5.4988, 5.4601, 6.1248



10.7776, 5.4681, 4.4802



0.1137, 0.0566, 0.0991

Previews

White Background



This preview shows how the XYZ color 22.1087, 21.3304, 29.3375 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 22.1087, 21.3304, 29.3375 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 22.1087, 21.3304, 29.3375

Background



This preview shows how black text looks on a background with the XYZ color 22.1087, 21.3304, 29.3375.



This preview shows how white text looks on a background with the XYZ color 22.1087, 21.3304,

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

22.1087, 21.3304, 29.3375

Protanopia

20.9613, 21.2821, 30.1972

Deuteranopia

21.7574, 21.3345, 29.3568



Tritanopia

21.4682, 21.4568, 25.5643

Trichromacy



Original Color

22.1087, 21.3304, 29.3375

Protanomaly

21.3465, 21.3008, 29.7744

Deuteranomaly

21.9146, 21.4155, 29.3641

Tritanomaly

21.6266, 21.3186, 27.0198

Monochromacy



Original Color

22.1087, 21.3304, 29.3375

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2525, 21.7253, 25.6275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1087, 21.3304, 29.3375 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(135, 123, 144)` looks like.

```
.text, #text, p{  
    color:rgb(135, 123, 144)  
}
```

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(135, 123, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 123, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.1087, 21.3304, 29.3375 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(135, 123, 144) }
```


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

```
.border{ border-color:rgb(135, 123, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 123, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 123, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 123, 144);  
box-shadow:4px 4px 4px 4px rgb(135, 123,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1087, 21.3304, 29.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 123, 144) }
```

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

```
.background{ background-color: rgb(135,  
123, 144) }
```

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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