

Converting Colors

XYZ(23.2556, 22.2082, 29.9486)

Have a look what the booklet for
XYZ(23.2556, 22.2082, 29.9486)
contains.

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Color

**XYZ(23.2597, 22.2870,
29.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7D91
RGB	140, 125, 145
RGB Percent	55%, 49%, 57%
CMY	0.4510, 0.5098, 0.4314
CMYK	0.03, 0.14, 0.00, 0.43
HSL	285°, 8%, 53%
HSV	285°, 14%, 57%
XYZ	23.2597, 22.2870, 29.8640
YIQ	131.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

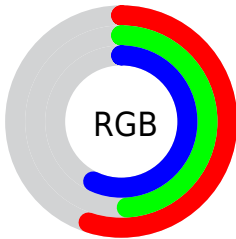
Format	Color
R_{YB}	140, 125, 145
Decimal	9207185
CIE Lab	54.33, 9.60, -8.69
CIE LCh	54, 12.945, 317.858
Yxy	22.2870, 0.3084, 0.2955
Android (android.graphics.Color)	4287397265 (0xFF8C7D91)
YUV	131.7650, 6.5249, 7.2221
Hunter-Lab	47.2091, 5.3301, -4.4599

Details

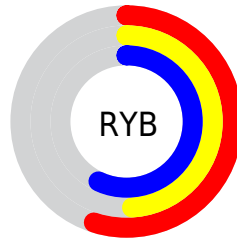
The XYZ color **23.2597, 22.2870, 29.8640** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0337, 26.4779, 23.2998**, and the grayscale version is **21.8247, 22.9613, 25.0048**.

A 20% lighter version of the original color is **48.4773, 47.4336, 60.6334**, and **8.8664, 8.1688, 11.9359** is the 20% darker color. If you saturate the color by 10%, you get **20.9558, 18.5709, 29.2685**, and if you desaturate by 10%, it is **25.8530, 26.5514, 30.5508**.

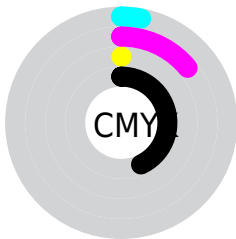
Distribution



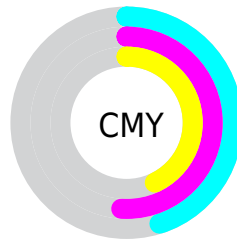
- Red (55%)
- Green (49%)
- Blue (57%)



- Red (55%)
- Yellow (49%)
- Blue (57%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2597, 22.2870, 29.8640 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 23.2597, 22.2870, 29.8640 by changing the saturation by 10% instead.

■ 23.2597, 22.2870,
29.8640

■ 23.2597, 22.2870,
29.8640

261.5666,
264.0414, 315.4576

■ 14.9071, 14.0679,
19.4842

■ 48.2829, 47.2199,
60.5055

■ 8.8401, 8.1679,
11.8403

■ 65.6843, 64.7025,
81.6043

■ 4.6933, 4.2026,
6.5138

■ 86.8327, 86.0418,
107.1131

■ 2.1014, 1.7875,
3.0862

112.0933,
111.6220, 137.4506

■ 0.6900, 0.4794,
1.1388

141.8317,
141.8278, 173.0353

■ 0.0000, 0.0000,
0.0000

176.4132,

177.0433, 214.2856

216.2030,
217.6530, 261.6202

■ 23.2597, 22.2870,
29.8640

■ 23.2597, 22.2870,
29.8640

■ 20.9558, 18.5709,
29.2685

■ 25.8530, 26.5514,
30.5508

■ 18.9277, 15.3770,
28.7589

■ 28.7448, 31.3830,
31.3309

■ 17.1633, 12.6812,
28.3316

■ 31.9463, 36.8034,
32.2084

■ 15.6490, 10.4568,
27.9820

■ 35.4673, 42.8322,
33.1865

■ 14.3699, 8.6740,
27.7053

■ 39.3172, 49.4879,
34.2683

■ 13.3094, 7.2999,
27.4960

■ 43.5053, 56.7886,
35.4568

■ 12.4485, 6.2968,
27.3477

■ 48.0401, 64.7513,
36.7547

■ 11.7642, 5.6193,
27.2530

■ 52.9300, 73.3925,
38.1649

■ 11.3868, 5.2797,
27.2074

■ 58.0222, 82.4062,
39.6363

Harmonies

Analogous

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



22.0263, 22.2870, 32.4414



23.2597, 22.2870, 29.8640



23.9485, 22.2870, 25.9385

Triad

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



23.2597, 22.2870, 29.8640



21.7591, 22.2870, 17.4341



18.7037, 22.2870, 26.7289

Complementary

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



23.2597, 22.2870, 29.8640



23.0337, 26.4779, 23.2998

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.



18.6393, 22.2870, 22.6684



23.2597, 22.2870, 29.8640



20.3618, 22.2870, 17.5955

Square

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



23.2597, 22.2870, 29.8640



23.0566, 22.2870, 18.9481



19.2340, 22.2870, 19.4166



19.4139, 22.2870, 30.4977

Rectangle

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



23.2597, 22.2870, 29.8640



23.9867, 22.2870, 23.2197



19.2340, 22.2870, 19.4166



18.6070, 22.2870, 25.3449

Sweetspot

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



23.2604, 22.2880, 29.8645



46.1553, 47.3119, 54.6730



21.5962, 22.4593, 29.9853



10.1929, 10.4010, 12.1426



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.



23.2604, 22.2880, 29.8645



40.1268, 37.4321, 53.0838



23.7696, 22.5912, 28.0483



5.4964, 5.4441, 6.7899



9.7912, 4.5411, 23.3376



0.1137, 0.0538, 0.2241

Inverse Universe

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



23.0407, 22.2996, 24.2099



39.6637, 37.4699, 40.5681



22.5905, 26.2141, 24.8721



5.4608, 5.4448, 5.9244



10.3015, 5.2776, 1.9731



0.1062, 0.0536, 0.0597

Previews

White Background



This preview shows how the XYZ color 23.2597, 22.2870, 29.8640 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 23.2597, 22.2870, 29.8640 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 23.2597, 22.2870, 29.8640

Background



This preview shows how black text looks on a background with the XYZ color 23.2597, 22.2870, 29.8640.



This preview shows how white text looks on a background with the XYZ color 23.2597, 22.2870,

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

23.2597, 22.2870, 29.8640

Protanopia

21.9479, 22.3507, 31.1743

Deuteranopia

22.8535, 22.4573, 29.9182



Tritanopia

22.5522, 22.1882, 26.3867

Trichromacy



Original Color

23.2597, 22.2870, 29.8640

Protanomaly

22.5014, 22.4505, 30.7512

Deuteranomaly

22.8882, 22.2844, 29.8830

Tritanomaly

22.7685, 22.2748, 27.5255

Monochromacy



Original Color

23.2597, 22.2870, 29.8640

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3573, 22.6576, 26.8619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2597, 22.2870, 29.8640 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(140, 125, 145)` looks like.

```
.text, #text, p{  
    color:rgb(140, 125, 145)  
}
```

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(140, 125, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 125, 145) }
```

Border

The CSS property to change the border of an element to XYZ 23.2597, 22.2870, 29.8640 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(140, 125, 145) }
```


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

```
.border{ border-color:rgb(140, 125, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 125, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 125, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 125, 145);  
box-shadow:4px 4px 4px 4px rgb(140, 125,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2597, 22.2870, 29.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 125, 145) }
```

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

```
.background{ background-color: rgb(140,  
125, 145) }
```

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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