

Converting Colors

XYZ(22.3795, 20.9575, 29.3406)

Have a look what the booklet for
XYZ(22.3795, 20.9575, 29.3406)
contains.

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Color

**XYZ(22.3980, 20.9355,
29.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7890
RGB	139, 120, 144
RGB Percent	55%, 47%, 56%
CMY	0.4549, 0.5294, 0.4353
CMYK	0.03, 0.17, 0.00, 0.44
HSL	288°, 10%, 52%
HSV	288°, 17%, 56%
XYZ	22.3980, 20.9355, 29.2460
YIQ	128.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

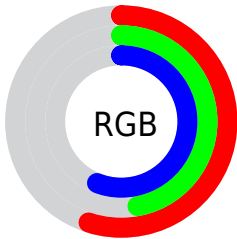
Format	Color
R_{YB}	139, 120, 144
Decimal	9140368
CIE _{Lab}	52.88, 11.94, -10.29
CIE _{LCh}	53, 15.762, 319.266
Yxy	20.9355, 0.3086, 0.2884
Android (android.graphics.Color)	4287330448 (0xFF8B7890)
YUV	128.4170, 7.6824, 9.2813
Hunter-Lab	45.7553, 7.3069, -5.8684

Details

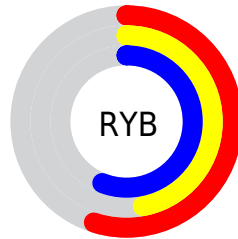
The XYZ color **22.3980, 20.9355, 29.2460** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.8215, 25.6630, 21.5736**, and the grayscale version is **20.6364, 21.7111, 23.6434**.

A 20% lighter version of the original color is **46.9379, 44.9197, 59.6226**, and **8.3934, 7.4385, 11.5831** is the 20% darker color. If you saturate the color by 10%, you get **20.3009, 17.4744, 28.6888**, and if you desaturate by 10%, it is **24.7706, 24.9264, 29.8916**.

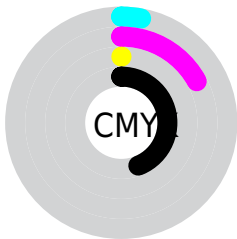
Distribution



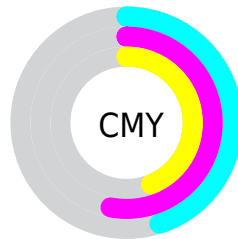
- Red (55%)
- Green (47%)
- Blue (56%)



- Red (55%)
- Yellow (47%)
- Blue (56%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3980, 20.9355, 29.2460 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 22.3980, 20.9355, 29.2460 by changing the saturation by 10% instead.

■ 22.3980, 20.9355,
29.2460

■ 22.3980, 20.9355,
29.2460

257.2112,
256.9355, 312.4711

■ 14.2679, 13.0769,
19.0198

■ 46.8769, 44.9802,
59.5145

■ 8.3902, 7.4815,
11.5076

■ 63.9564, 61.9350,
80.3940

■ 4.3995, 3.7650,
6.2909

■ 84.7497, 82.6906,
105.6616

■ 1.9305, 1.5430,
2.9511

109.6222,
107.6316, 135.7359

■ 0.5945, 0.3187,
1.0697

138.9393,
137.1421, 171.0355

■ 0.0000, 0.0000,
0.0000

173.0662,

171.6067, 211.9788

212.3684,
211.4097, 258.9845

■ 22.3980, 20.9355,
29.2460

■ 22.3980, 20.9355,
29.2460

■ 20.3009, 17.4744,
28.6888

■ 24.7706, 24.9264,
29.8916

■ 18.4657, 14.5172,
28.2147

■ 27.4277, 29.4662,
30.6278

■ 16.8804, 12.0398,
27.8201

■ 30.3804, 34.5763,
31.4585

■ 15.5314, 10.0150,
27.5004

■ 33.6384, 40.2762,
32.3870

■ 14.4036, 8.4130,
27.2506

■ 37.2111, 46.5845,
33.4163

■ 13.4803, 7.2002,
27.0651

■ 41.1075, 53.5190,
34.5495

■ 12.7419, 6.3380,
26.9376

■ 45.3361, 61.0965,
35.7892

■ 12.1567, 5.7629,
26.8575

■ 49.9052, 69.3336,
37.1383

■ 11.9737, 5.5912,
26.8340

■ 54.8227, 78.2459,
38.5994

Harmonies

Analogous

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



20.9627, 20.9355, 32.4820



22.3980, 20.9355, 29.2460



23.1777, 20.9355, 24.5279

Triad

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



22.3980, 20.9355, 29.2460



20.4947, 20.9355, 14.9897



17.0542, 20.9355, 25.9231

Complementary

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



22.3980, 20.9355, 29.2460



21.8215, 25.6630, 21.5736

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.



16.9443, 20.9355, 21.1461



22.3980, 20.9355, 29.2460



18.8711, 20.9355, 15.2556

Square

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



22.3980, 20.9355, 29.2460



22.0392, 20.9355, 16.5859



17.5924, 20.9355, 17.3704



17.9013, 20.9355, 30.3879

Rectangle

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



22.3980, 20.9355, 29.2460



23.1933, 20.9355, 21.3647



17.5924, 20.9355, 17.3704



16.9316, 20.9355, 24.2881

Sweetspot

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



22.3986, 20.9364, 29.2465



44.3877, 45.1501, 52.9134



20.1395, 20.7255, 29.3248



10.1142, 10.2436, 12.1163



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.



22.3986, 20.9364, 29.2465



38.0643, 34.5328, 51.1973



22.7484, 21.1750, 26.6309



5.5178, 5.4551, 6.7909



10.4465, 4.8790, 23.3682



0.1177, 0.0558, 0.2243

Inverse Universe

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



21.9204, 20.8438, 22.2708



37.0791, 34.3508, 36.4295



21.5374, 25.4672, 23.7917



5.4520, 5.4413, 5.8782



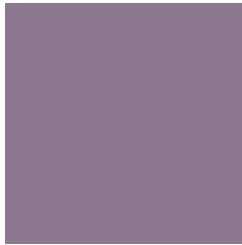
10.2273, 5.2479, 1.5823



0.1045, 0.0529, 0.0505

Previews

White Background



This preview shows how the XYZ color 22.3980, 20.9355, 29.2460 looks on a white background.

Color Contrast Check

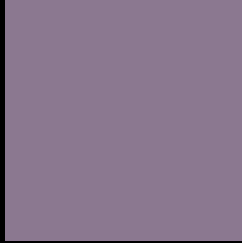
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3980, 20.9355, 29.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

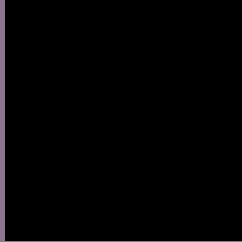
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3980, 20.9355, 29.2460

Background



This preview shows how black text looks on a background with the XYZ color 22.3980, 20.9355, 29.2460.



This preview shows how white text looks on a background with the XYZ color 22.3980, 20.9355,

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

22.3980, 20.9355, 29.2460

Protanopia

20.6261, 20.9114, 30.5530

Deuteranopia

21.4010, 20.9744, 28.9071



Tritanopia

21.4409, 20.9034, 24.7345

Trichromacy



Original Color

22.3980, 20.9355, 29.2460

Protanomaly

21.1734, 20.8304, 30.0988

Deuteranomaly

21.7490, 20.9706, 28.8880

Tritanomaly

21.7625, 20.8556, 26.1711

Monochromacy



Original Color

22.3980, 20.9355, 29.2460

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1524, 21.2940, 25.5496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3980, 20.9355, 29.2460 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(139, 120, 144)` looks like.

```
.text, #text, p{  
    color:rgb(139, 120, 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(139, 120, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 120, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.3980, 20.9355, 29.2460 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(139, 120, 144) }
```


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

```
.border{ border-color:rgb(139, 120, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 120, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 120, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 120, 144);  
box-shadow:4px 4px 4px 4px rgb(139, 120,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3980, 20.9355, 29.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 120, 144) }
```

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

```
.background{ background-color: rgb(139,  
120, 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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