

Converting Colors

XYZ(22.1602, 20.1443, 30.2092)

Have a look what the booklet for
XYZ(22.1602, 20.1443, 30.2092)
contains.

XYZ(22.1593, 20.0863, 30.3129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.1593, 20.0863,
30.3129)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7493
RGB	139, 116, 147
RGB Percent	55%, 45%, 58%
CMY	0.4549, 0.5451, 0.4235
CMYK	0.05, 0.21, 0.00, 0.42
HSL	285°, 13%, 52%
HSV	285°, 21%, 58%
XYZ	22.1593, 20.0863, 30.3129
YIQ	126.4110, 3.7570, 14.5170

Conversions

Conversions Part 2

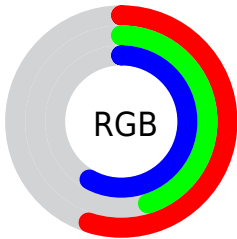
Format	Color
R_{YB}	139, 116, 147
Decimal	9139347
CIE _{Lab}	51.93, 14.91, -13.46
CIE _{LCh}	52, 20.091, 317.922
Yxy	20.0863, 0.3054, 0.2768
Android (android.graphics.Color)	4287329427 (0xFF8B7493)
YUV	126.4110, 10.1504, 11.0406
Hunter-Lab	44.8177, 9.8250, -8.7289

Details

The XYZ color **22.1593, 20.0863, 30.3129** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.8990, 26.4140, 20.4681**, and the grayscale version is **19.9372, 20.9755, 22.8423**.

A 20% lighter version of the original color is **46.5376, 43.5598, 61.2134**, and **8.2983, 7.1026, 11.9999** is the 20% darker color. If you saturate the color by 10%, you get **19.9748, 16.6410, 29.7633**, and if you desaturate by 10%, it is **24.6352, 24.0809, 30.9537**.

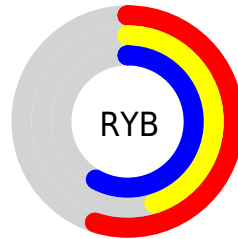
Distribution



Red (55%)

Green (45%)

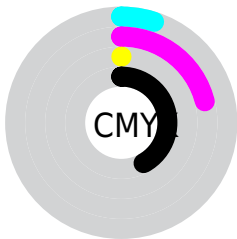
Blue (58%)



Red (55%)

Yellow (45%)

Blue (58%)

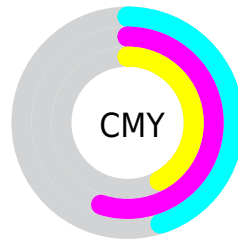


Cyan (5%)

Magenta (21%)

Yellow (0%)

Black (42%)



Cyan (45%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1593, 20.0863, 30.3129 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 22.1593, 20.0863, 30.3129 by changing the saturation by 10% instead.

■ 22.1593, 20.0863,
30.3129

■ 22.1593, 20.0863,
30.3129

255.9938,
252.3819, 317.6128

■ 14.0913, 12.4578,
19.8221

■ 46.4860, 43.5618,
61.2235

■ 8.2663, 7.0563,
12.0830

■ 63.4754, 60.1776,
82.4804

■ 4.3190, 3.4973,
6.6770

■ 84.1694, 80.5580,
108.1632

■ 1.8842, 1.3965,
3.1856

108.9331,
105.0873, 138.6902

■ 0.5676, 0.2142,
1.1902

138.1321,
134.1500, 174.4802

■ 0.0000, 0.0000,
0.0000

172.1316,

168.1303, 215.9516

211.2971,
207.4129, 263.5230

■ 22.1593, 20.0863,
30.3129

■ 22.1593, 20.0863,
30.3129

■ 19.9748, 16.6410,
29.7633

■ 24.6352, 24.0809,
30.9537

■ 18.0670, 13.7173,
29.2995

■ 27.4126, 28.6459,
31.6885

■ 16.4227, 11.2886,
28.9174

■ 30.5034, 33.8044,
32.5213

■ 15.0268, 9.3251,
28.6120

■ 33.9182, 39.5773,
33.4556

■ 13.8627, 7.7938,
28.3778

■ 37.6671, 45.9848,
34.4948

■ 12.9114, 6.6572,
28.2085

■ 41.7600, 53.0457,
35.6420

■ 12.1507, 5.8711,
28.0969

■ 46.2060, 60.7785,
36.9002

■ 11.5811, 5.3619,
28.0286

■ 51.0141, 69.2007,
38.2724

■ 56.1929, 78.3290,
39.7614

Harmonies

Analogous

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



20.3264, 20.0863, 34.4218



22.1593, 20.0863, 30.3129



23.1978, 20.0863, 24.3110

Triad

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



22.1593, 20.0863, 30.3129



19.9256, 20.0863, 12.6079



15.5911, 20.0863, 25.5199

Complementary

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



22.1593, 20.0863, 30.3129



21.8990, 26.4140, 20.4681

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.



15.5007, 20.0863, 19.5992



22.1593, 20.0863, 30.3129



17.9075, 20.0863, 12.8148

Square

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



22.1593, 20.0863, 30.3129



21.8479, 20.0863, 14.5355



16.3206, 20.0863, 15.1622



16.5772, 20.0863, 31.3328

Rectangle

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



22.1593, 20.0863, 30.3129



23.2542, 20.0863, 20.3558



16.3206, 20.0863, 15.1622



15.4577, 20.0863, 23.4587

Sweetspot

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



22.1599, 20.0872, 30.3133



46.5176, 47.0524, 56.0649



19.7108, 20.3027, 30.4840



10.5539, 10.6342, 12.7812



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.1599, 20.0872, 30.3133



37.8896, 33.1222, 53.8308



22.9950, 20.5812, 27.4819



5.8907, 5.8347, 7.2855



10.0638, 4.6607, 24.3002



0.1506, 0.0712, 0.2987

Inverse Universe

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



21.9168, 20.1499, 21.8038



37.4189, 33.2781, 35.8045



21.2266, 26.0169, 22.7194



5.8586, 5.8385, 6.3615



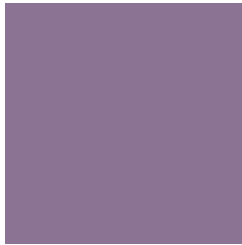
10.7431, 5.5023, 2.1280



0.1421, 0.0716, 0.0819

Previews

White Background



This preview shows how the XYZ color 22.1593, 20.0863, 30.3129 looks on a white background.

Color Contrast Check

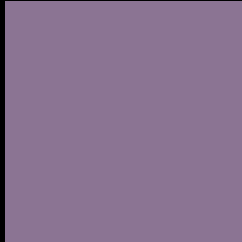
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1593, 20.0863, 30.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

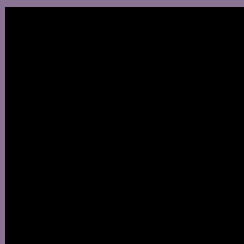
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1593, 20.0863, 30.3129

Background



This preview shows how black text looks on a background with the XYZ color 22.1593, 20.0863, 30.3129.



This preview shows how white text looks on a background with the XYZ color 22.1593, 20.0863,

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

22.1593, 20.0863, 30.3129

Protanopia

20.0866, 20.2148, 32.5489

Deuteranopia

20.4831, 20.1100, 29.9962



Tritanopia

20.7126, 20.0129, 23.5401

Trichromacy



Original Color

22.1593, 20.0863, 30.3129

Protanomaly

20.6789, 19.9949, 31.6237

Deuteranomaly

20.9911, 20.0148, 29.9510

Tritanomaly

21.2389, 20.0528, 26.0437

Monochromacy



Original Color

22.1593, 20.0863, 30.3129

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.6227, 20.4656, 25.4176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1593, 20.0863, 30.3129 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, 116, 147)` looks like.

```
.text, #text, p{  
    color:rgb(139, 116, 147)  
}
```

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, 116, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 116, 147) }
```

Border

The CSS property to change the border of an element to XYZ 22.1593, 20.0863, 30.3129 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, 116, 147) }
```


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

```
.border{ border-color:rgb(139, 116, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 116, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 116, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 116, 147);  
box-shadow:4px 4px 4px 4px rgb(139, 116,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1593, 20.0863, 30.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 116, 147) }
```

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

```
.background{ background-color: rgb(139,  
116, 147) }
```

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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