

Converting Colors

XYZ(20.3982, 20.9901, 23.2264)

Have a look what the booklet for
XYZ(20.3982, 20.9901, 23.2264)
contains.

XYZ(20.4358, 20.9716, 23.3929)	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(20.4358, 20.9716,
23.3929)**

Conversions

Conversions Part 1

Format	Color
Hex	827D80
RGB	130, 125, 128
RGB Percent	51%, 49%, 50%
CMY	0.4902, 0.5098, 0.4980
CMYK	0.00, 0.04, 0.02, 0.49
HSL	324°, 2%, 50%
HSV	324°, 4%, 51%
XYZ	20.4358, 20.9716, 23.3929
YIQ	126.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

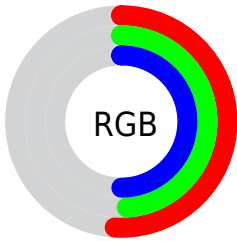
Format	Color
R_{YB}	130, 125, 128
Decimal	8551808
CIE Lab	52.92, 2.48, -0.96
CIE LCh	53, 2.657, 338.805
Yxy	20.9716, 0.3154, 0.3236
Android (android.graphics.Color)	4286741888 (0xFF827D80)
YUV	126.8370, 0.5734, 2.7740
Hunter-Lab	45.7948, -0.4856, 1.7698

Details

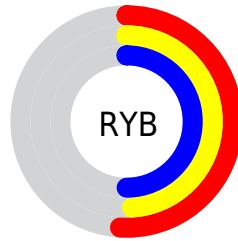
The XYZ color **20.4358, 20.9716, 23.3929** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2716, 21.8580, 23.2303**, and the grayscale version is **20.1150, 21.1626, 23.0460**.

A 20% lighter version of the original color is **43.7893, 45.2443, 50.1411**, and **7.3891, 7.4827, 8.4520** is the 20% darker color. If you saturate the color by 10%, you get **18.5631, 17.7600, 21.1225**, and if you desaturate by 10%, it is **22.5427, 24.6229, 25.8285**.

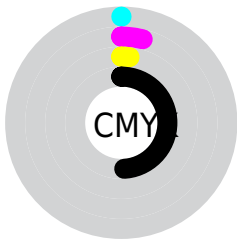
Distribution



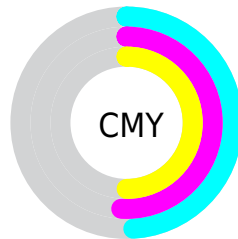
- Red (51%)
- Green (49%)
- Blue (50%)



- Red (51%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4358, 20.9716, 23.3929 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 20.4358, 20.9716, 23.3929 by changing the saturation by 10% instead.

■ 20.4358, 20.9716,
23.3929

■ 20.4358, 20.9716,
23.3929

247.0535,
257.1275, 282.9237

■ 12.8223, 13.1032,
14.6759

■ 43.6450, 45.0403,
49.9690

■ 7.3825, 7.4997,
8.4481

■ 59.9715, 62.0094,
68.6652

■ 3.7509, 3.7765,
4.2912

■ 79.9330, 82.7808,
91.5248

■ 1.5622, 1.5493,
1.7864

103.8949,
107.7391, 118.9664

■ 0.3676, 0.3231,
0.4190

132.2225,
137.2685, 151.4086

■ 0.0000, 0.0000,
0.0000

165.2813,

171.7534, 189.2698

203.4365,
211.5783, 232.9687

■ 20.4358, 20.9716,
23.3929

■ 20.4358, 20.9716,
23.3929

■ 18.5631, 17.7600,
21.1225

■ 22.5427, 24.6229,
25.8285

■ 16.9142, 14.9686,
19.0118

■ 24.8900, 28.7270,
28.4319

■ 15.4807, 12.5806,
17.0569

■ 27.4862, 33.2997,
31.2074

■ 14.2527, 10.5770,
15.2533

■ 30.3385, 38.3555,
34.1586

■ 13.2198, 8.9370,
13.5959

■ 33.4540, 43.9079,
37.2890

■ 12.3704, 7.6383,
12.0797

■ 36.8395, 49.9702,
40.6021

■ 11.6918, 6.6556,
10.6988

■ 40.5014, 56.5550,
44.1011

■ 11.1694, 5.9604,
9.4470

■ 44.4461, 63.6745,
47.7893

■ 10.7849, 5.5164,
8.3165

■ 48.6796, 71.3406,
51.6698

Harmonies

Analogous

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



20.2700, 20.9716, 24.0493



20.4358, 20.9716, 23.3929



20.4662, 20.9716, 22.6008

Triad

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



20.4358, 20.9716, 23.3929



19.8511, 20.9716, 21.3537



19.5189, 20.9716, 23.8081

Complementary

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



20.4358, 20.9716, 23.3929



20.2716, 21.8580, 23.2303

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.



19.4089, 20.9716, 23.0698



20.4358, 20.9716, 23.3929



19.5995, 20.9716, 21.6613

Square

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



20.4358, 20.9716, 23.3929



20.1269, 20.9716, 21.4357



19.4383, 20.9716, 22.2851



19.7401, 20.9716, 24.2929

Rectangle

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



20.4358, 20.9716, 23.3929



20.4053, 20.9716, 22.1043



19.4383, 20.9716, 22.2851



19.4678, 20.9716, 23.5807

Sweetspot

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



20.4364, 20.9725, 23.3934



36.9942, 38.6684, 42.3776



20.1161, 20.7920, 24.0723



8.3794, 8.7627, 9.5989



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



20.4364, 20.9725, 23.3934



35.5487, 36.1737, 40.6737



20.2740, 20.9075, 22.5380



4.5856, 4.6557, 5.2460



10.1483, 5.0790, 7.3704



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.4364, 20.9725, 23.3934



35.5487, 36.1737, 40.6737



20.4365, 21.9240, 24.0985



4.5856, 4.6557, 5.2460



10.1483, 5.0790, 7.3704



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.4358, 20.9716, 23.3929 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 20.4358, 20.9716, 23.3929 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

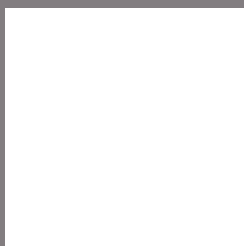
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4358, 20.9716, 23.3929

Background



This preview shows how black text looks on a background with the XYZ color 20.4358, 20.9716, 23.3929.



This preview shows how white text looks on a background with the XYZ color 20.4358, 20.9716,

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

20.4358, 20.9716, 23.3929

Protanopia

20.2592, 21.0694, 23.4211

Deuteranopia

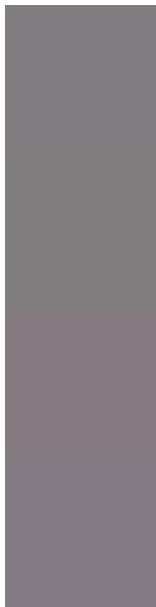
21.2385, 20.8224, 23.6686



Tritanopia

20.8708, 20.9618, 25.5003

Trichromacy



Original Color

20.4358, 20.9716, 23.3929

Protanomaly

20.4104, 21.1473, 23.4282

Deuteranomaly

20.8769, 20.8192, 23.6871

Tritanomaly

20.7326, 20.9065, 24.7724

Monochromacy



Original Color

20.4358, 20.9716, 23.3929

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.1937, 21.0432, 23.0761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4358, 20.9716, 23.3929 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(130, 125, 128)` looks like.

```
.text, #text, p{  
    color:rgb(130, 125, 128)  
}
```

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(130, 125, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 125, 128) }
```

Border

The CSS property to change the border of an element to XYZ 20.4358, 20.9716, 23.3929 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(130, 125, 128) }
```


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

```
.border{ border-color:rgb(130, 125, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 125, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 125, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 125, 128);  
box-shadow:4px 4px 4px 4px rgb(130, 125,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4358, 20.9716, 23.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 125, 128) }
```

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

```
.background{ background-color: rgb(130,  
125, 128) }
```

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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