

Converting Colors

XYZ(20.4502, 25.6529, 3.8737)

Have a look what the booklet for
XYZ(20.4502, 25.6529, 3.8737)
contains.

XYZ(20.4419, 25.5692, 3.8579)	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(20.4419, 25.5692,
3.8579)**

Conversions

Conversions Part 1

Format	Color
Hex	899100
RGB	137, 145, 0
RGB Percent	54%, 57%, 0%
CMY	0.4627, 0.4314, 1.0000
CMYK	0.06, 0.00, 1.00, 0.43
HSL	63°, 100%, 28%
HSV	63°, 100%, 57%
XYZ	20.4419, 25.5692, 3.8579
YIQ	126.0780, 41.7770, -46.7910

Conversions

Conversions Part 2

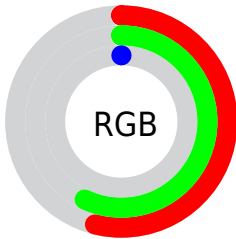
Format	Color
RYB	0, 145, 8
Decimal	9015552
CIELab	57.63, -17.78, 61.25
CIELCh	58, 63.781, 106.190
Yxy	25.5692, 0.4099, 0.5127
Android (android.graphics.Color)	4287205632 (0xFF899100)
YUV	126.0780, -62.1565, 9.5786
Hunter-Lab	50.5660, -16.3298, 30.8727

Details

The XYZ color **20.4419, 25.5692, 3.8579** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.2116, 2.0964, 26.9197**, and the grayscale version is **20.0537, 21.0981, 22.9758**.

A 20% lighter version of the original color is **43.7770, 52.7584, 13.6704**, and **7.6595, 10.0234, 1.5310** is the 20% darker color. If you saturate the color by 10%, you get **20.4423, 25.5703, 3.8581**, and if you desaturate by 10%, it is **20.6569, 25.6714, 4.3002**.

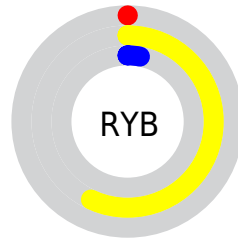
Distribution



Red (54%)

Green (57%)

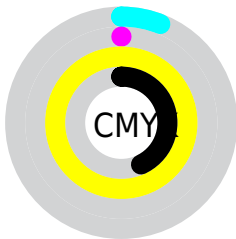
Blue (0%)



Red (0%)

Yellow (57%)

Blue (3%)

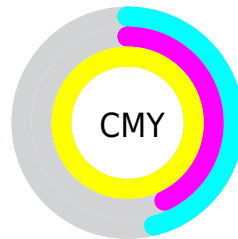


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (46%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4419, 25.5692, 3.8579 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 20.4419, 25.5692, 3.8579 by changing the saturation by 10% instead.

■ 20.4419, 25.5692,
3.8579

■ 20.4419, 25.5692,
3.8579

247.0857,
280.6609, 146.6326

■ 12.8268, 16.5016,
1.5477

■ 43.6551, 52.5791,
13.6807

■ 7.3856, 9.8798,
0.2531

■ 59.9840, 71.2903,
22.0304

■ 3.7528, 5.3193,
0.0000

■ 79.9481, 93.9848,
33.2303

■ 1.5633, 2.4358,
0.0000

■ 103.9129,
121.0470, 47.6990


■ 0.3683, 0.8442,
0.0000


■ 132.2437,
152.8613, 65.8551


■ 0.0000, 0.0000,
0.0000


■ 165.3059,


189.8121, 88.1170


 203.4647,
232.2838, 114.9033


 20.4419, 25.5692,
3.8579


 20.4419, 25.5692,
3.8579

 20.4423, 25.5703,
3.8581

 20.6569, 25.6714,
4.3002

 20.9288, 25.7954,
5.0390

 21.2860, 25.9538,
6.2227

 21.7392, 26.1506,
7.9063

 22.2973, 26.3895,
10.1373

■ 22.9683, 26.6737,
12.9574

■ 23.7593, 27.0060,
16.4045

■ 24.6769, 27.3891,
20.5130

■ 25.7272, 27.8253,
25.3151

Harmonies

Analogous

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



27.9711, 25.5692, 3.7384



20.4419, 25.5692, 3.8579



15.1881, 25.5692, 7.7225

Triad

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



20.4419, 25.5692, 3.8579



15.5047, 25.5692, 70.4315



41.4900, 25.5692, 39.1075

Complementary

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



20.4419, 25.5692, 3.8579



5.2116, 2.0964, 26.9197

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.



36.4846, 25.5692, 68.1685



20.4419, 25.5692, 3.8579



20.9701, 25.5692, 91.7103

Square

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



20.4419, 25.5692, 3.8579



12.7721, 25.5692, 41.2568



28.6215, 25.5692, 90.7155



41.2655, 25.5692, 17.7025

Rectangle

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



20.4419, 25.5692, 3.8579



13.2108, 25.5692, 14.1029



28.6215, 25.5692, 90.7155



40.3247, 25.5692, 48.4512

Sweetspot

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



20.4425, 25.5704, 3.8584



42.4506, 48.3206, 28.9515



11.7566, 6.1777, 0.5731



9.3209, 10.6980, 5.9020



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.



20.4425, 25.5704, 3.8584



36.5580, 45.7646, 6.9066



12.3231, 21.3847, 3.4784



5.8106, 6.2705, 5.7934



17.5402, 21.9349, 3.3094



0.1735, 0.2127, 0.0319

Inverse Universe

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



5.2116, 2.0964, 26.9197



9.2832, 3.7283, 48.2039



8.3990, 3.7396, 27.0689



5.1555, 5.2683, 6.7739



4.4771, 1.8016, 23.0889



0.0472, 0.0195, 0.2210

Previews

White Background



This preview shows how the XYZ color 20.4419, 25.5692, 3.8579 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 20.4419, 25.5692, 3.8579 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 20.4419, 25.5692, 3.8579

Background



This preview shows how black text looks on a background with the XYZ color 20.4419, 25.5692, 3.8579.



This preview shows how white text looks on a background with the XYZ color 20.4419, 25.5692,

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

20.4419, 25.5692, 3.8579

Protanopia

22.9429, 25.5332, 3.7192

Deuteranopia

25.9502, 25.4084, 4.3472



Tritanopia

25.8074, 25.5753, 30.3644

Trichromacy



Original Color

20.4419, 25.5692, 3.8579

Protanomaly

21.9193, 25.4393, 3.7550

Deuteranomaly

23.5883, 25.2199, 4.0766

Tritanomaly

22.4921, 25.0776, 13.7802

Monochromacy



Original Color

20.4419, 25.5692, 3.8579

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0414, 22.1001, 10.8516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4419, 25.5692, 3.8579 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(137, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 0)  
}
```

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(137, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.4419, 25.5692, 3.8579 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(137, 145, 0) }
```


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

```
.border{ border-color:rgb(137, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4419, 25.5692, 3.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 0) }
```

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

```
.background{ background-color: rgb(137,  
145, 0) }
```

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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