

Converting Colors

XYZ(20.9727, 25.3485, 3.7874)

Have a look what the booklet for
XYZ(20.9727, 25.3485, 3.7874)
contains.

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Color

**XYZ(20.9778, 25.3957,
3.7962)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8F00
RGB	142, 143, 0
RGB Percent	56%, 56%, 0%
CMY	0.4431, 0.4392, 1.0000
CMYK	0.01, 0.00, 1.00, 0.44
HSL	60°, 100%, 28%
HSV	60°, 100%, 56%
XYZ	20.9778, 25.3957, 3.7962
YIQ	126.3990, 45.3070, -44.6850

Conversions

Conversions Part 2

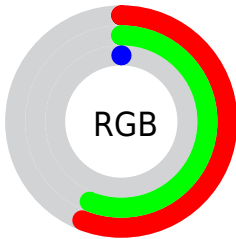
Format	Color
RYB	0, 143, 1
Decimal	9342720
CIELab	57.46, -14.47, 61.32
CIELCh	57, 63.000, 103.277
Yxy	25.3957, 0.4181, 0.5062
Android (android.graphics.Color)	4287532800 (0xFF8E8F00)
YUV	126.3990, -62.3147, 13.6821
Hunter-Lab	50.3941, -13.8848, 30.8096

Details

The XYZ color **20.9778, 25.3957, 3.7962** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.9710, 1.9901, 26.1103**, and the grayscale version is **20.1634, 21.2135, 23.1015**.

A 20% lighter version of the original color is **44.3986, 52.0642, 13.5037**, and **7.9389, 9.9034, 1.4931** is the 20% darker color. If you saturate the color by 10%, you get **20.9783, 25.3969, 3.7964**, and if you desaturate by 10%, it is **21.0770, 25.4383, 4.2258**.

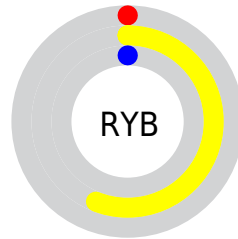
Distribution



Red (56%)

Green (56%)

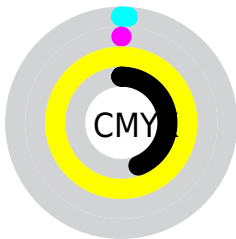
Blue (0%)



Red (0%)

Yellow (56%)

Blue (0%)

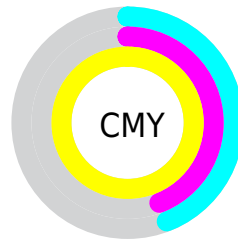


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9778, 25.3957, 3.7962 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 20.9778, 25.3957, 3.7962 by changing the saturation by 10% instead.

■ 20.9778, 25.3957,
3.7962

■ 20.9778, 25.3957,
3.7962

249.8944,
279.8029, 145.9325

■ 13.2201, 16.3721,
1.5142

■ 44.5421, 52.2984,
13.5369

■ 7.6584, 9.7879,
0.2285

■ 61.0795, 70.9464,
21.8328

■ 3.9271, 5.2585,
0.0000

■ 81.2742, 93.5712,
32.9703

■ 1.6610, 2.3997,
0.0000

■ 105.4915,
120.5574, 47.3681


■ 0.4316, 0.8258,
0.0000


■ 134.0969,
152.2892, 65.4447


■ 0.0000, 0.0000,
0.0000


■ 167.4556,


189.1511, 87.6186


 205.9330,
231.5276, 114.3083


 20.9778, 25.3957,
3.7962


 20.9778, 25.3957,
3.7962


 20.9783, 25.3969,
3.7964

 21.0770, 25.4383,
4.2258

 21.2298, 25.5015,
4.9407

 21.4645, 25.5973,
6.0865

 21.7912, 25.7300,
7.7166

 22.2186, 25.9029,
9.8766

■ 22.7542, 26.1192,
12.6069

■ 23.4051, 26.3816,
15.9440

■ 24.1776, 26.6926,
19.9213

■ 25.0775, 27.0546,
24.5698

Harmonies

Analogous

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



28.5256, 25.3957, 3.9697



20.9778, 25.3957, 3.7962



15.5467, 25.3957, 7.1760

Triad

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



20.9778, 25.3957, 3.7962



15.0943, 25.3957, 66.6812



40.7330, 25.3957, 41.3055

Complementary

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



20.9778, 25.3957, 3.7962



4.9710, 1.9901, 26.1103

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.



35.4234, 25.3957, 69.8863



20.9778, 25.3957, 3.7962



20.2248, 25.3957, 88.9855

Square

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



20.9778, 25.3957, 3.7962



12.6552, 25.3957, 38.2520



27.6003, 25.3957, 90.3927



41.0516, 25.3957, 19.2164

Rectangle

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



20.9778, 25.3957, 3.7962



13.4203, 25.3957, 12.9373



27.6003, 25.3957, 90.3927



39.4296, 25.3957, 50.6668

Sweetspot

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



20.9784, 25.3969, 3.7967



41.8312, 47.2097, 28.1342



11.3286, 5.8403, 0.5305



9.4872, 10.7837, 5.9098



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.



20.9784, 25.3969, 3.7967



37.5601, 45.4758, 6.7981



12.4590, 21.0050, 3.3980



5.8359, 6.2835, 5.7946



18.5485, 22.4547, 3.3566



0.1781, 0.2151, 0.0321

Inverse Universe

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



4.9710, 1.9901, 26.1103



8.8953, 3.5600, 46.7563



7.5942, 3.3424, 26.2331



5.1329, 5.2567, 6.7729



4.3956, 1.7596, 23.0850



0.0426, 0.0171, 0.2207

Previews

White Background



This preview shows how the XYZ color 20.9778, 25.3957, 3.7962 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 20.9778, 25.3957, 3.7962 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 20.9778, 25.3957, 3.7962

Background



This preview shows how black text looks on a background with the XYZ color 20.9778, 25.3957, 3.7962.



This preview shows how white text looks on a background with the XYZ color 20.9778, 25.3957,

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

20.9778, 25.3957, 3.7962

Protanopia

22.7988, 25.2449, 3.6711

Deuteranopia

25.7167, 25.2892, 4.2849



Tritanopia

26.1080, 25.3375, 29.5012

Trichromacy



Original Color

20.9778, 25.3957, 3.7962

Protanomaly

22.1406, 25.3355, 3.7233

Deuteranomaly

23.6435, 25.0410, 4.0027

Tritanomaly

23.0467, 24.9426, 13.4972

Monochromacy



Original Color

20.9778, 25.3957, 3.7962

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.2150, 21.9872, 10.8206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9778, 25.3957, 3.7962 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(142, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(142, 143, 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(142, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 143, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.9778, 25.3957, 3.7962 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(142, 143, 0) }
```


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

```
.border{ border-color:rgb(142, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(142, 143,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9778, 25.3957, 3.7962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 143, 0) }
```

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

```
.background{ background-color: rgb(142,  
143, 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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