

Converting Colors

XYZ(19.7940, 25.2877, 1.3555)

Have a look what the booklet for
XYZ(19.7940, 25.2877, 1.3555)
contains.

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Color

**XYZ(20.2787, 25.4850,
3.8503)**

Conversions

Conversions Part 1

Format	Color
Hex	889100
RGB	136, 145, 0
RGB Percent	53%, 57%, 0%
CMY	0.4667, 0.4314, 1.0000
CMYK	0.06, 0.00, 1.00, 0.43
HSL	64°, 100%, 28%
HSV	64°, 100%, 57%
XYZ	20.2787, 25.4850, 3.8503
YIQ	125.7790, 41.1810, -47.0030

Conversions

Conversions Part 2

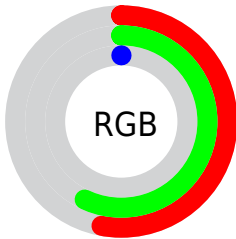
Format	Color
RYB	0, 145, 9
Decimal	8950016
CIELab	57.54, -18.23, 61.16
CIELCh	58, 63.816, 106.602
Yxy	25.4850, 0.4087, 0.5137
Android (android.graphics.Color)	4287140096 (0xFF889100)
YUV	125.7790, -62.0090, 8.9638
Hunter-Lab	50.4827, -16.6419, 30.8158

Details

The XYZ color **20.2787, 25.4850, 3.8503** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.2241, 2.1029, 26.9202**, and the grayscale version is **19.9512, 20.9903, 22.8584**.

A 20% lighter version of the original color is **43.5212, 52.6265, 13.6585**, and **7.5719, 9.9783, 1.5269** is the 20% darker color. If you saturate the color by 10%, you get **20.2791, 25.4861, 3.8505**, and if you desaturate by 10%, it is **20.5089, 25.5950, 4.2933**.

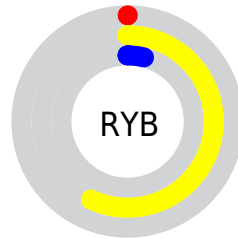
Distribution



Red (53%)

Green (57%)

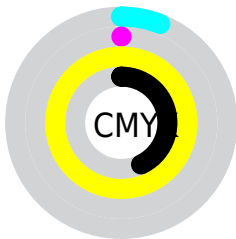
Blue (0%)



Red (0%)

Yellow (57%)

Blue (4%)

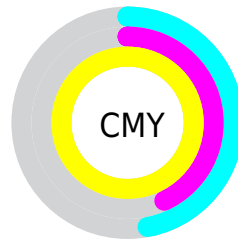


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2787, 25.4850, 3.8503 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 20.2787, 25.4850, 3.8503 by changing the saturation by 10% instead.

■ 20.2787, 25.4850,
3.8503

■ 20.2787, 25.4850,
3.8503

246.2248,
280.2447, 146.5466

■ 12.7072, 16.4388,
1.5436

■ 43.3843, 52.4429,
13.6630

■ 7.3029, 9.8352,
0.2501

■ 59.6492, 71.1235,
22.0061

■ 3.7002, 5.2898,
0.0000

■ 79.5426, 93.7842,
33.1984

■ 1.5340, 2.4183,
0.0000

■ 103.4299,
120.8095, 47.6584


■ 0.3488, 0.8353,
0.0000


■ 131.6764,
152.5838, 65.8047


■ 0.0000, 0.0000,
0.0000


■ 164.6475,


189.4915, 88.0558


 202.7085,
231.9170, 114.8303


 20.2787, 25.4850,
3.8503


 20.2787, 25.4850,
3.8503


 20.2791, 25.4861,
3.8505

 20.5089, 25.5950,
4.2933

 20.7961, 25.7270,
5.0329

 21.1691, 25.8934,
6.2173

 21.6382, 26.0985,
7.9018

 22.2125, 26.3457,
10.1336

■ 22.8999, 26.6384,
12.9546

■ 23.7076, 26.9793,
16.4024

■ 24.6422, 27.3711,
20.5118

■ 25.7097, 27.8162,
25.3148

Harmonies

Analogous

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



27.7729, 25.4850, 3.6901



20.2787, 25.4850, 3.8503



15.0724, 25.4850, 7.7699

Triad

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



20.2787, 25.4850, 3.8503



15.4979, 25.4850, 70.6793



41.4222, 25.4850, 38.6325

Complementary

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



20.2787, 25.4850, 3.8503



5.2241, 2.1029, 26.9202

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.



36.4826, 25.4850, 67.6342



20.2787, 25.4850, 3.8503



20.9887, 25.4850, 91.7138

Square

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



20.2787, 25.4850, 3.8503



12.7343, 25.4850, 41.5235



28.6476, 25.4850, 90.3749



41.1201, 25.4850, 17.4170

Rectangle

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



20.2787, 25.4850, 3.8503



13.1246, 25.4850, 14.2151



28.6476, 25.4850, 90.3749



40.2819, 25.4850, 47.9327

Sweetspot

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



20.2793, 25.4862, 3.8508



42.3562, 48.2719, 28.9471



11.7566, 6.1777, 0.5731



9.2974, 10.6858, 5.9009



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.



20.2793, 25.4862, 3.8508



36.2603, 45.6111, 6.8927



12.3231, 21.3846, 3.4785



5.8069, 6.2686, 5.7933



17.4011, 21.8632, 3.3029



0.1728, 0.2124, 0.0319

Inverse Universe

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



5.2241, 2.1029, 26.9202



9.3005, 3.7373, 48.2047



8.3991, 3.7396, 27.0688



5.1587, 5.2700, 6.7741



4.4888, 1.8077, 23.0894



0.0479, 0.0198, 0.2210

Previews

White Background



This preview shows how the XYZ color 20.2787, 25.4850, 3.8503 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 20.2787, 25.4850, 3.8503 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 20.2787, 25.4850, 3.8503

Background



This preview shows how black text looks on a background with the XYZ color 20.2787, 25.4850, 3.8503.



This preview shows how white text looks on a background with the XYZ color 20.2787, 25.4850, 3.8503.

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

20.2787, 25.4850, 3.8503

Protanopia

22.9429, 25.5332, 3.7192

Deuteranopia

25.7265, 25.2931, 4.3367



Tritanopia

25.6289, 25.4833, 30.3560

Trichromacy



Original Color

20.2787, 25.4850, 3.8503

Protanomaly

21.9193, 25.4393, 3.7550

Deuteranomaly

23.3876, 25.1164, 4.0672

Tritanomaly

22.3197, 24.9887, 13.7721

Monochromacy



Original Color

20.2787, 25.4850, 3.8503

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 20.2787, 25.4850, 3.8503 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(136, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 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(136, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.2787, 25.4850, 3.8503 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(136, 145, 0) }
```


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

```
.border{ border-color:rgb(136, 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(136, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2787, 25.4850, 3.8503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 0) }
```

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

```
.background{ background-color: rgb(136,  
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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