

Converting Colors

XYZ(20.5142, 25.0136, 8.2190)

Have a look what the booklet for
XYZ(20.5142, 25.0136, 8.2190)
contains.

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Color

**XYZ(20.4963, 25.0502,
8.1698)**

Conversions

Conversions Part 1

Format	Color
Hex	868F3D
RGB	134, 143, 61
RGB Percent	53%, 56%, 24%
CMY	0.4745, 0.4392, 0.7608
CMYK	0.06, 0.00, 0.57, 0.44
HSL	67°, 40%, 40%
HSV	67°, 57%, 56%
XYZ	20.4963, 25.0502, 8.1698
YIQ	130.9610, 20.9580, -27.4100

Conversions

Conversions Part 2

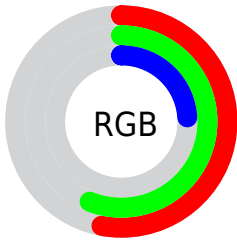
Format	Color
RYB	61, 143, 70
Decimal	8818493
CIELab	57.12, -15.36, 41.72
CIELCh	57, 44.457, 110.207
Yxy	25.0502, 0.3816, 0.4663
Android (android.graphics.Color)	4287008573 (0xFF868F3D)
YUV	130.9610, -34.4908, 2.6652
Hunter-Lab	50.0502, -14.4894, 25.3571

Details

The XYZ color **20.4963, 25.0502, 8.1698** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.1534, 6.6234, 26.7841**, and the grayscale version is **21.6741, 22.8028, 24.8323**.

A 20% lighter version of the original color is **43.8218, 51.8990, 22.7468**, and **7.4379, 9.6401, 1.6984** is the 20% darker color. If you saturate the color by 10%, you get **19.9132, 24.7892, 6.3932**, and if you desaturate by 10%, it is **21.1871, 25.3565, 10.4887**.

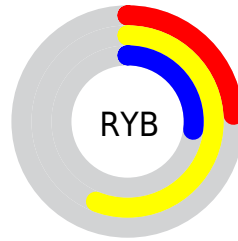
Distribution



Red (53%)

Green (56%)

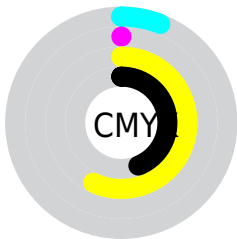
Blue (24%)



Red (24%)

Yellow (56%)

Blue (27%)

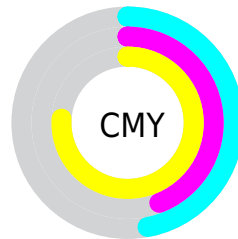


Cyan (6%)

Magenta (0%)

Yellow (57%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4963, 25.0502, 8.1698 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 20.4963, 25.0502, 8.1698 by changing the saturation by 10% instead.

■ 20.4963, 25.0502,
8.1698

■ 20.4963, 25.0502,
8.1698

■ 247.3720,
278.0879, 187.0419

■ 12.8667, 16.1145,
4.1145

■ 43.7453, 51.7387,
22.8423

■ 7.4132, 9.6052,
1.6883

■ 60.0955, 70.2602,
34.2965

■ 3.7704, 5.1380,
0.3527

■ 80.0831, 92.7457,
49.0542

■ 1.5731, 2.3284,
0.0000

■ 104.0737,
119.5797, 67.5337

■ 0.3748, 0.7887,
0.0000

■ 132.4325,
151.1465, 90.1537

■ 0.0000, 0.0000,
0.0000

■ 165.5249,

187.8305, 117.3327

203.7163,
230.0162, 149.4893

■ 20.4963, 25.0502,
8.1698

■ 20.4963, 25.0502,
8.1698

■ 19.9132, 24.7892,
6.3932

■ 21.1871, 25.3565,
10.4887

■ 19.4275, 24.5666,
5.1132

■ 21.9912, 25.7078,
13.3876

■ 19.0303, 24.3799,
4.2794

■ 22.9160, 26.1077,
16.9025

■ 18.7037, 24.2218,
3.7986

■ 23.9678, 26.5588,
21.0663

■ 18.6204, 24.1813,
3.6861

■ 25.1523, 27.0635,
25.9093

■ 26.4749, 27.6238,
31.4601

■ 27.9409, 28.2420,
37.7455

■ 29.5550, 28.9198,
44.7910

■ 31.3218, 29.6591,
52.6208

Harmonies

Analogous

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



25.5646, 25.0502, 7.5779



20.4963, 25.0502, 8.1698



16.8770, 25.0502, 12.6627

Triad

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



20.4963, 25.0502, 8.1698



17.9260, 25.0502, 55.9945



35.1813, 25.0502, 32.4834

Complementary

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



20.4963, 25.0502, 8.1698



9.1534, 6.6234, 26.7841

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.



32.4198, 25.0502, 50.2234



20.4963, 25.0502, 8.1698



22.1366, 25.0502, 66.7329

Square

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



20.4963, 25.0502, 8.1698



15.5510, 25.0502, 38.5049



27.4617, 25.0502, 64.3019



34.5709, 25.0502, 18.4737

Rectangle

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



20.4963, 25.0502, 8.1698



15.5323, 25.0502, 18.6251



27.4617, 25.0502, 64.3019



34.6028, 25.0502, 38.2591

Sweetspot

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



20.4969, 25.0513, 8.1703



42.9166, 47.5585, 37.7104



14.3113, 10.4581, 5.6796



9.7619, 10.8721, 8.3271



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.



20.4969, 25.0513, 8.1703



35.3702, 44.2595, 10.6427



15.2613, 22.3523, 7.9253



5.7821, 6.2558, 5.7921



16.4737, 21.3851, 3.2595



0.1683, 0.2100, 0.0317

Inverse Universe

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



9.1534, 6.6234, 26.7841



13.0355, 7.9186, 47.3794



13.0828, 8.6491, 26.9680



5.1812, 5.2816, 6.7751



4.5782, 1.8537, 23.0936



0.0524, 0.0222, 0.2212

Previews

White Background



This preview shows how the XYZ color 20.4963, 25.0502, 8.1698 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 20.4963, 25.0502, 8.1698 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 20.4963, 25.0502, 8.1698

Background



This preview shows how black text looks on a background with the XYZ color 20.4963, 25.0502, 8.1698.



This preview shows how white text looks on a background with the XYZ color 20.4963, 25.0502,

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

20.4963, 25.0502, 8.1698

Protanopia

22.6840, 24.8825, 7.7449

Deuteranopia

25.2990, 24.7819, 8.4510



Tritanopia

24.9636, 24.9342, 30.2851

Trichromacy



Original Color

20.4963, 25.0502, 8.1698

Protanomaly

21.7253, 24.8112, 7.9190

Deuteranomaly

23.2997, 24.7660, 8.4028

Tritanomaly

22.7981, 24.6817, 19.4820

Monochromacy



Original Color

20.4963, 25.0502, 8.1698

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7812, 23.2741, 17.0327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4963, 25.0502, 8.1698 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(134, 143, 61)` looks like.

```
.text, #text, p{  
    color:rgb(134, 143, 61)  
}
```

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(134, 143, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 143, 61) }
```

Border

The CSS property to change the border of an element to XYZ 20.4963, 25.0502, 8.1698 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(134, 143, 61) }
```


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

```
.border{ border-color:rgb(134, 143, 61) }
```

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

Here you see how a box with a 4 pixel rgb(134, 143, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 143, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 143, 61);  
box-shadow:4px 4px 4px 4px rgb(134, 143,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4963, 25.0502, 8.1698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 143, 61) }
```

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

```
.background{ background-color: rgb(134,  
143, 61) }
```

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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