

Converting Colors

XYZ(21.0718, 25.3017, 8.2163)

Have a look what the booklet for
XYZ(21.0718, 25.3017, 8.2163)
contains.

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Color

**XYZ(21.1460, 25.3851,
8.2002)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8F3D
RGB	138, 143, 61
RGB Percent	54%, 56%, 24%
CMY	0.4588, 0.4392, 0.7608
CMYK	0.03, 0.00, 0.57, 0.44
HSL	64°, 40%, 40%
HSV	64°, 57%, 56%
XYZ	21.1460, 25.3851, 8.2002
YIQ	132.1570, 23.3420, -26.5620

Conversions

Conversions Part 2

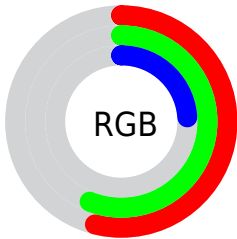
Format	Color
RYB	61, 143, 66
Decimal	9080637
CIELab	57.45, -13.62, 42.18
CIELCh	57, 44.320, 107.896
Yxy	25.3851, 0.3864, 0.4638
Android (android.graphics.Color)	4287270717 (0xFF8A8F3D)
YUV	132.1570, -35.0804, 5.1243
Hunter-Lab	50.3836, -13.2549, 25.6188

Details

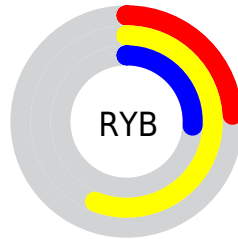
The XYZ color **21.1460, 25.3851, 8.2002** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.8743, 6.4795, 26.7710**, and the grayscale version is **22.1061, 23.2574, 25.3273**.

A 20% lighter version of the original color is **44.8278, 52.4177, 22.7939**, and **7.7959, 9.8247, 1.7152** is the 20% darker color. If you saturate the color by 10%, you get **20.6675, 25.1780, 6.4285**, and if you desaturate by 10%, it is **21.7296, 25.6362, 10.5141**.

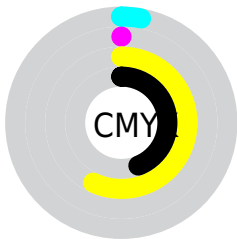
Distribution



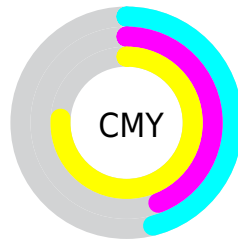
- Red (54%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (26%)



- Cyan (3%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1460, 25.3851, 8.2002 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 21.1460, 25.3851, 8.2002 by changing the saturation by 10% instead.

21.1460, 25.3851,
8.2002

21.1460, 25.3851,
8.2002

250.7704,
279.7504, 187.2868

13.3438, 16.3642,
4.1337

44.8198, 52.2813,
22.9026

7.7444, 9.7822,
1.6990

61.4222, 70.9254,
34.3756

3.9822, 5.2548,
0.3600

81.6887, 93.5459,
49.1545

1.6921, 2.3975,
0.0000

105.9847,
120.5274, 67.6579

0.4513, 0.8246,
0.0000

134.6755,
152.2542, 90.3043

0.0000, 0.0000,
0.0000

168.1265,

189.1107, 117.5122

206.7030,
231.4813, 149.7002

■ 21.1460, 25.3851,
8.2002

■ 21.1460, 25.3851,
8.2002

■ 20.6675, 25.1780,
6.4285

■ 21.7296, 25.6362,
10.5141

■ 20.2840, 25.0081,
5.1533

■ 22.4240, 25.9308,
13.4078

■ 19.9863, 24.8727,
4.3241

■ 23.2364, 26.2728,
16.9175

■ 19.7567, 24.7647,
3.8479

■ 24.1733, 26.6647,
21.0759

■ 19.6988, 24.7372,
3.7365

■ 25.2402, 27.1088,
25.9134

■ 26.4427, 27.6072,
31.4586

■ 27.7859, 28.1620,
37.7382

■ 29.2745, 28.7752,
44.7778

■ 30.9132, 29.4485,
52.6017

Harmonies

Analogous

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



26.3155, 25.3851, 7.8672



21.1460, 25.3851, 8.2002



17.3636, 25.3851, 12.3912

Triad

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



21.1460, 25.3851, 8.2002



17.9515, 25.3851, 55.2459



35.4537, 25.3851, 34.1828

Complementary

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



21.1460, 25.3851, 8.2002



8.8743, 6.4795, 26.7710

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.



32.4537, 25.3851, 52.0206



21.1460, 25.3851, 8.2002



22.0648, 25.3851, 66.8330

Square

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



21.1460, 25.3851, 8.2002



15.7125, 25.3851, 37.5512



27.3775, 25.3851, 65.4750



35.1122, 25.3851, 19.6470

Rectangle

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



21.1460, 25.3851, 8.2002



15.9045, 25.3851, 18.0950



27.3775, 25.3851, 65.4750



34.7865, 25.3851, 40.0614

Sweetspot

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



21.1466, 25.3863, 8.2007



43.2850, 47.7484, 37.7276



14.0669, 9.9693, 5.5981



9.8547, 10.9199, 8.3314



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.



21.1466, 25.3863, 8.2007



36.7786, 44.9855, 10.7086



15.6920, 22.5743, 7.9455



5.8075, 6.2689, 5.7933



17.4228, 21.8744, 3.3039



0.1729, 0.2124, 0.0319

Inverse Universe

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



8.8743, 6.4795, 26.7710



12.5934, 7.6906, 47.3587



12.5832, 8.3915, 26.9446



5.1582, 5.2697, 6.7741



4.4870, 1.8067, 23.0893



0.0478, 0.0198, 0.2210

Previews

White Background



This preview shows how the XYZ color 21.1460, 25.3851, 8.2002 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 21.1460, 25.3851, 8.2002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

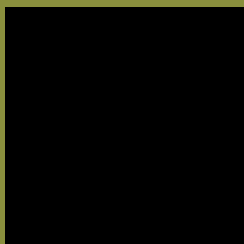
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.1460, 25.3851, 8.2002

Background



This preview shows how black text looks on a background with the XYZ color 21.1460, 25.3851, 8.2002.



This preview shows how white text looks on a background with the XYZ color 21.1460, 25.3851,

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

21.1460, 25.3851, 8.2002

Protanopia

23.0410, 25.2755, 7.9392

Deuteranopia

25.6193, 25.1488, 8.3544



Tritanopia

25.6686, 25.2976, 30.3181

Trichromacy



Original Color

21.1460, 25.3851, 8.2002

Protanomaly

22.4064, 25.3783, 7.9925

Deuteranomaly

23.6617, 24.9559, 8.2725

Tritanomaly

23.4845, 25.0355, 19.5142

Monochromacy



Original Color

21.1460, 25.3851, 8.2002

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.2372, 23.7173, 17.0942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1460, 25.3851, 8.2002 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(138, 143, 61)` looks like.

```
.text, #text, p{  
    color:rgb(138, 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(138, 143, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 143, 61) }
```

Border

The CSS property to change the border of an element to XYZ 21.1460, 25.3851, 8.2002 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(138, 143, 61) }
```


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

```
.border{ border-color:rgb(138, 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(138, 143, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 143, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 143, 61);  
box-shadow:4px 4px 4px 4px rgb(138, 143,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1460, 25.3851, 8.2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 143, 61) }
```

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

```
.background{ background-color: rgb(138,  
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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