

Converting Colors

XYZ(21.6118, 25.2444, 8.2722)

Have a look what the booklet for
XYZ(21.6118, 25.2444, 8.2722)
contains.

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Color

**XYZ(21.5497, 25.1483,
8.2758)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8D3E
RGB	142, 141, 62
RGB Percent	56%, 55%, 24%
CMY	0.4431, 0.4470, 0.7569
CMYK	0.00, 0.01, 0.56, 0.44
HSL	59°, 39%, 40%
HSV	59°, 56%, 56%
XYZ	21.5497, 25.1483, 8.2758
YIQ	132.2930, 25.9550, -24.3570

Conversions

Conversions Part 2

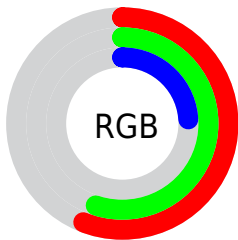
Format	Color
R_{YB}	63, 142, 62
Decimal	9342270
CIE _{Lab}	57.22, -10.72, 41.52
CIE _{LCh}	57, 42.882, 104.471
Yxy	25.1483, 0.3920, 0.4575
Android (android.graphics.Color)	4287532350 (0xFF8E8D3E)
YUV	132.2930, -34.6544, 8.5130
Hunter-Lab	50.1481, -11.0539, 25.3192

Details

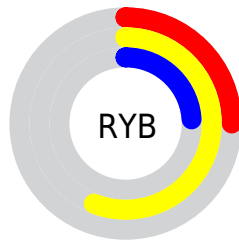
The XYZ color **21.5497, 25.1483, 8.2758** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.6467, 6.5321, 26.3962**, and the grayscale version is **22.1533, 23.3070, 25.3813**.

A 20% lighter version of the original color is **45.2424, 51.6237, 22.9091**, and **7.9157, 9.6279, 1.7283** is the 20% darker color. If you saturate the color by 10%, you get **21.1841, 24.9613, 6.4765**, and if you desaturate by 10%, it is **22.0184, 25.3784, 10.6125**.

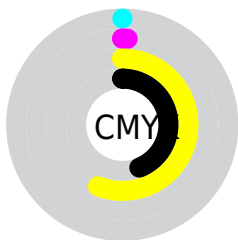
Distribution



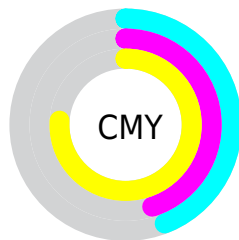
- Red (56%)
- Green (55%)
- Blue (24%)



- Red (25%)
- Yellow (56%)
- Blue (24%)



- Cyan (0%)
- Magenta (1%)
- Yellow (56%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5497, 25.1483, 8.2758 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 21.5497, 25.1483, 8.2758 by changing the saturation by 10% instead.

■ 21.5497, 25.1483,
8.2758

■ 21.5497, 25.1483,
8.2758

252.8624,
278.5757, 187.8942

■ 13.6411, 16.1876,
4.1816

■ 45.4850, 51.8977,
23.0524

■ 7.9515, 9.6570,
1.7255

■ 62.2425, 70.4552,
34.5719

■ 4.1155, 5.1721,
0.3781

■ 82.6804, 92.9804,
49.4036

■ 1.7677, 2.3486,
0.0000

■ 107.1639,
119.8576, 67.9661

■ 0.4981, 0.7993,
0.0000

■ 136.0585,
151.4714, 90.6779

■ 0.0000, 0.0000,
0.0000

■ 169.7296,

188.2061, 117.9574

208.5424,
230.4460, 150.2233

■ 21.5497, 25.1483,
8.2758

■ 21.5497, 25.1483,
8.2758

■ 21.1841, 24.9613,
6.4765

■ 22.0184, 25.3784,
10.6125

■ 20.9117, 24.8107,
5.1703

■ 22.5956, 25.6511,
13.5232

■ 20.7237, 24.6940,
4.3084

■ 23.2885, 25.9702,
17.0431

■ 20.6053, 24.6051,
3.8127

■ 24.1033, 26.3380,
21.2040

■ 20.5673, 24.5748,
3.6594

■ 25.0454, 26.7569,
26.0358

■ 26.1203, 27.2289,
31.5662

■ 27.3328, 27.7561,
37.8215

■ 28.6878, 28.3403,
44.8266

■ 30.1897, 28.9833,
52.6052

Harmonies

Analogous

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



26.6073, 25.1483, 8.3360



21.5497, 25.1483, 8.2758



17.7061, 25.1483, 11.9065

Triad

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



21.5497, 25.1483, 8.2758



17.6022, 25.1483, 51.9512



34.5730, 25.1483, 35.5530

Complementary

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



21.5497, 25.1483, 8.2758



8.6467, 6.5321, 26.3962

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.



31.3987, 25.1483, 52.5117



21.5497, 25.1483, 8.2758



21.3879, 25.1483, 64.0270

Square

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



21.5497, 25.1483, 8.2758



15.6553, 25.1483, 34.9638



26.4210, 25.1483, 64.2623



34.6326, 25.1483, 20.9845

Rectangle

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



21.5497, 25.1483, 8.2758



16.1446, 25.1483, 17.0310



26.4210, 25.1483, 64.2623



33.8168, 25.1483, 41.2545

Sweetspot

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



21.5503, 25.1495, 8.2763



42.3479, 46.3750, 36.5919



13.7847, 9.5589, 5.8705



9.4010, 10.3322, 7.8789



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.5503, 25.1495, 8.2763



37.1918, 43.9288, 10.6229



16.1745, 22.5971, 8.0670



5.8339, 6.2741, 5.7929



18.4675, 22.0667, 3.2860



0.1778, 0.2134, 0.0318

Inverse Universe

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



8.6467, 6.5321, 26.3962



12.0308, 7.6301, 45.9665



11.9350, 8.1461, 26.5344



5.1346, 5.2651, 6.7744



4.4020, 1.7900, 23.0906



0.0429, 0.0188, 0.2210

Previews

White Background



This preview shows how the XYZ color 21.5497, 25.1483, 8.2758 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 21.5497, 25.1483, 8.2758 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 21.5497, 25.1483, 8.2758

Background



This preview shows how black text looks on a background with the XYZ color 21.5497, 25.1483, 8.2758.



This preview shows how white text looks on a background with the XYZ color 21.5497, 25.1483,

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

21.5497, 25.1483, 8.2758

Protanopia

23.0677, 25.2862, 8.0798

Deuteranopia

25.6480, 25.1603, 8.5057



Tritanopia

25.7869, 24.9697, 29.4471

Trichromacy



Original Color

21.5497, 25.1483, 8.2758

Protanomaly

22.4693, 25.1917, 8.0931

Deuteranomaly

24.0866, 25.1717, 8.4396

Tritanomaly

23.7339, 24.7459, 19.4451

Monochromacy



Original Color

21.5497, 25.1483, 8.2758

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4712, 23.6237, 17.3381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5497, 25.1483, 8.2758 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, 141, 62)` looks like.

```
.text, #text, p{  
    color:rgb(142, 141, 62)  
}
```

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, 141, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 141, 62) }
```

Border

The CSS property to change the border of an element to XYZ 21.5497, 25.1483, 8.2758 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, 141, 62) }
```


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

```
.border{ border-color:rgb(142, 141, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 141, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 141, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 141, 62);  
box-shadow:4px 4px 4px 4px rgb(142, 141,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5497, 25.1483, 8.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 141, 62) }
```

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

```
.background{ background-color: rgb(142,  
141, 62) }
```

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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