

Converting Colors

XYZ(25.4281, 31.4950, 13.8315)

Have a look what the booklet for
XYZ(25.4281, 31.4950, 13.8315)
contains.

XYZ(25.4464, 31.5805, 13.7713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4464, 31.5805,
13.7713)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA057
RGB	142, 160, 87
RGB Percent	56%, 63%, 34%
CMY	0.4431, 0.3725, 0.6588
CMYK	0.11, 0.00, 0.46, 0.37
HSL	75°, 30%, 48%
HSV	75°, 46%, 63%
XYZ	25.4464, 31.5805, 13.7713
YIQ	146.2960, 12.7050, -26.5190

Conversions

Conversions Part 2

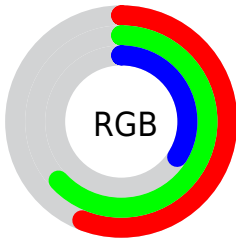
Format	Color
RYB	87, 160, 105
Decimal	9347159
CIELab	62.99, -18.24, 35.81
CIELCh	63, 40.183, 116.995
Yxy	31.5805, 0.3594, 0.4461
Android (android.graphics.Color)	4287537239 (0xFF8EA057)
YUV	146.2960, -29.2329, -3.7676
Hunter-Lab	56.1965, -17.5172, 24.8082

Details

The XYZ color **25.4464, 31.5805, 13.7713** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.5803, 12.3586, 34.8238**, and the grayscale version is **27.5564, 28.9915, 31.5718**.

A 20% lighter version of the original color is **51.9138, 62.3062, 33.3349**, and **10.0513, 13.2574, 3.9486** is the 20% darker color. If you saturate the color by 10%, you get **24.1990, 31.0058, 10.6708**, and if you desaturate by 10%, it is **26.8642, 32.2284, 17.6374**.

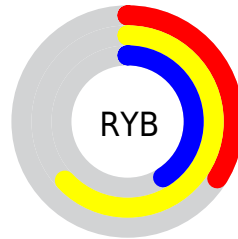
Distribution



Red (56%)

Green (63%)

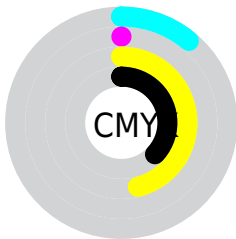
Blue (34%)



Red (34%)

Yellow (63%)

Blue (41%)

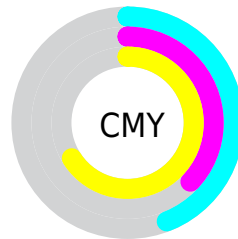


Cyan (11%)

Magenta (0%)

Yellow (46%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4464, 31.5805, 13.7713 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 25.4464, 31.5805, 13.7713 by changing the saturation by 10% instead.

■ 25.4464, 31.5805,
13.7713

■ 25.4464, 31.5805,
13.7713

272.3606,
309.2038, 227.1821

■ 16.5405, 21.0413,
7.8248

■ 51.8182, 62.1529,
33.3939

■ 10.0007, 13.1542,
3.8969

■ 70.0147, 82.9548,
47.9072

■ 5.4617, 7.5348,
1.5690

■ 92.0389, 107.9464,
66.1132

■ 2.5581, 3.7988,
0.2685

■ 118.2559,
137.5122, 88.4304

■ 0.9247, 1.5616,
0.0000

■ 149.0313,
172.0364, 115.2773

■ 0.0000, 0.3315,
0.0000

184.7303,

■ 0.0000, 0.0000,

211.9034, 147.0726

0.0000

225.7183,
257.4978, 184.2347

■ 25.4464, 31.5805,
13.7713

■ 25.4464, 31.5805,
13.7713

■ 24.1990, 31.0058,
10.6708

■ 26.8642, 32.2284,
17.6374

■ 23.1098, 30.4960,
8.2829

■ 28.4593, 32.9488,
22.3134

■ 22.1684, 30.0481,
6.5510


■ 30.2405, 33.7465,
27.8427


■ 21.3621, 29.6569,
5.4091


■ 32.2159, 34.6247,
34.2650


■ 20.6741, 29.3156,
4.7699


■ 34.3925, 35.5863,
41.6173

 20.3927, 29.1750,
4.5565

 36.7774, 36.6341,
49.9349

 39.3770, 37.7708,
59.2509

 42.1975, 38.9988,
69.5970

 45.2451, 40.3205,
81.0034

Harmonies

Analogous

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



30.5769, 31.5805, 12.0679



25.4464, 31.5805, 13.7713



21.9572, 31.5805, 20.3289

Triad

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



25.4464, 31.5805, 13.7713



24.5917, 31.5805, 66.7451



41.9286, 31.5805, 36.0063

Complementary

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



25.4464, 31.5805, 13.7713



15.5803, 12.3586, 34.8238

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.



39.8395, 31.5805, 53.7713



25.4464, 31.5805, 13.7713



29.4626, 31.5805, 74.6132

Square

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



25.4464, 31.5805, 13.7713



21.5080, 31.5805, 50.1331



35.1030, 31.5805, 69.2590



40.5162, 31.5805, 22.3386

Rectangle

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



25.4464, 31.5805, 13.7713



20.8069, 31.5805, 27.9813



35.1030, 31.5805, 69.2590



41.6070, 31.5805, 41.6998

Sweetspot

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



25.4472, 31.5819, 13.7720



55.3702, 61.4781, 52.0353



21.1723, 18.0700, 11.3892



11.9910, 13.4150, 10.9264



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.4472, 31.5819, 13.7720



43.8440, 56.2518, 19.1589



20.2917, 28.9241, 13.5307



7.0103, 7.6379, 7.0905



15.9261, 22.7469, 3.5512



0.3202, 0.4250, 0.0652

Inverse Universe

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



15.5803, 12.3586, 34.8238



23.6233, 16.8018, 62.3845



20.6598, 14.9771, 35.0615



6.4304, 6.5103, 8.3244



5.6433, 2.3383, 26.0611



0.1356, 0.0597, 0.4676

Previews

White Background



This preview shows how the XYZ color 25.4464, 31.5805, 13.7713 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.4464, 31.5805, 13.7713 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 ✓ Pass

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

XYZ 25.4464, 31.5805, 13.7713

Background



This preview shows how black text looks on a background with the XYZ color 25.4464, 31.5805, 13.7713.



This preview shows how white text looks on a background with the XYZ color 25.4464, 31.5805,

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

25.4464, 31.5805, 13.7713

Protanopia

28.7648, 31.3121, 12.9153

Deuteranopia

32.0213, 31.3204, 14.2553



Tritanopia

30.4400, 31.3569, 39.0985

Trichromacy



Original Color

25.4464, 31.5805, 13.7713

Protanomaly

27.4616, 31.3677, 13.2015

Deuteranomaly

29.1140, 30.9859, 14.1193

Tritanomaly

28.1415, 31.1564, 27.4522

Monochromacy



Original Color

25.4464, 31.5805, 13.7713

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4453, 29.6336, 23.7281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4464, 31.5805, 13.7713 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, 160, 87)` looks like.

```
.text, #text, p{  
    color:rgb(142, 160, 87)  
}
```

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, 160, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 160, 87) }
```

Border

The CSS property to change the border of an element to XYZ 25.4464, 31.5805, 13.7713 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, 160, 87) }
```


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

```
.border{ border-color:rgb(142, 160, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 160, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 160, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 160, 87);  
box-shadow:4px 4px 4px 4px rgb(142, 160,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4464, 31.5805, 13.7713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 160, 87) }
```

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

```
.background{ background-color: rgb(142,  
160, 87) }
```

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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