

Converting Colors

XYZ(25.5886, 31.4897, 20.3661)

Have a look what the booklet for
XYZ(25.5886, 31.4897, 20.3661)
contains.

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Color

**XYZ(25.5431, 31.4848,
20.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	87A071
RGB	135, 160, 113
RGB Percent	53%, 63%, 44%
CMY	0.4706, 0.3725, 0.5569
CMYK	0.16, 0.00, 0.29, 0.37
HSL	92°, 20%, 54%
HSV	92°, 29%, 63%
XYZ	25.5431, 31.4848, 20.3537
YIQ	147.1670, 0.1870, -19.9170

Conversions

Conversions Part 2

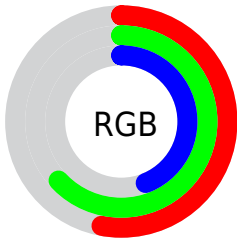
Format	Color
RYB	113, 160, 138
Decimal	8888433
CIELab	62.91, -17.49, 21.70
CIELCh	63, 27.873, 128.859
Yxy	31.4848, 0.3301, 0.4069
Android (android.graphics.Color)	4287078513 (0xFF87A071)
YUV	147.1670, -16.8443, -10.6705
Hunter-Lab	56.1113, -16.9377, 17.7712

Details

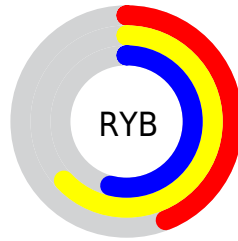
The XYZ color **25.5431, 31.4848, 20.3537** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.7329, 19.7525, 35.8740**, and the grayscale version is **27.8705, 29.3219, 31.9315**.

A 20% lighter version of the original color is **52.0782, 62.1363, 44.8460**, and **10.0630, 13.0381, 6.9872** is the 20% darker color. If you saturate the color by 10%, you get **23.4056, 30.4789, 15.9590**, and if you desaturate by 10%, it is **27.9506, 32.6134, 25.5914**.

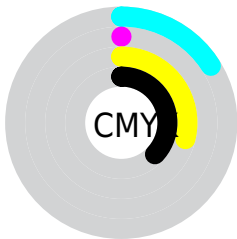
Distribution



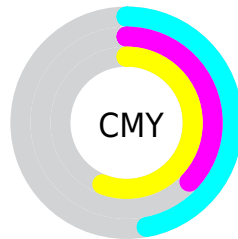
- Red (53%)
- Green (63%)
- Blue (44%)



- Red (44%)
- Yellow (63%)
- Blue (54%)



- Cyan (16%)
- Magenta (0%)
- Yellow (29%)
- Black (37%)



- Cyan (47%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5431, 31.4848, 20.3537 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 25.5431, 31.4848, 20.3537 by changing the saturation by 10% instead.

■ 25.5431, 31.4848,
20.3537

■ 25.5431, 31.4848,
20.3537

272.8299,
308.7656, 266.4908

■ 16.6130, 20.9683,
12.4658

■ 51.9735, 62.0025,
44.8761

■ 10.0526, 13.1008,
6.9354

■ 70.2045, 82.7726,
62.3477

■ 5.4964, 7.4980,
3.3439

■ 92.2666, 107.7292,
83.8510

■ 2.5791, 3.7755,
1.2728

■ 118.5251,
137.2569, 109.8044

■ 0.9353, 1.5488,
0.0393

149.3453,
171.7399, 140.6266

■ 0.0000, 0.3227,
0.0000

185.0926,

■ 0.0000, 0.0000,

211.5628, 176.7360

0.0000

226.1324,
257.1099, 218.5512

■ 25.5431, 31.4848,
20.3537

■ 25.5431, 31.4848,
20.3537

■ 23.4056, 30.4789,
15.9590

■ 27.9506, 32.6134,
25.5914

■ 21.5248, 29.5870,
12.3611

■ 30.6358, 33.8650,
31.7109

■ 19.8897, 28.8054,
9.5128

■ 33.6092, 35.2451,
38.7511

■ 18.4875, 28.1287,
7.3607

■ 36.8799, 36.7576,
46.7478

■ 17.3039, 27.5509,
5.8447

■ 40.4565, 38.4062,
55.7350

■ 16.3225, 27.0650,
4.8941

■ 44.3474, 40.1945,
65.7451

■ 15.5114, 26.6579,
4.3566

■ 48.5605, 42.1259,
76.8090

■ 15.4643, 26.6343,
4.3259

■ 53.1035, 44.2038,
88.9561

■ 57.6592, 46.3014,
100.5058

Harmonies

Analogous

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



28.8067, 31.4848, 17.3939



25.5431, 31.4848, 20.3537



23.5751, 31.4848, 27.2306

Triad

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



25.5431, 31.4848, 20.3537



27.3498, 31.4848, 57.9256



37.7985, 31.4848, 31.1383

Complementary

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



25.5431, 31.4848, 20.3537



22.7329, 19.7525, 35.8740

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.



37.3244, 31.4848, 42.4555



25.5431, 31.4848, 20.3537



31.0726, 31.4848, 59.5965

Square

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



25.5431, 31.4848, 20.3537



24.5547, 31.4848, 49.2717



34.7822, 31.4848, 53.4436



36.0271, 31.4848, 22.6894

Rectangle

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



25.5431, 31.4848, 20.3537



23.1565, 31.4848, 33.8637



34.7822, 31.4848, 53.4436



37.8994, 31.4848, 34.7029

Sweetspot

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



25.5439, 31.4862, 20.3544



55.7268, 61.5343, 57.8166



26.4651, 26.6391, 19.3702



12.0676, 13.4237, 12.3224



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.



25.5439, 31.4862, 20.3544



43.8768, 55.9899, 31.7555



22.4068, 29.8638, 20.4388



6.8311, 7.5456, 7.0821



12.0959, 20.7724, 3.3720



0.2647, 0.3964, 0.0626

Inverse Universe

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



22.7329, 19.7525, 35.8740



37.9581, 31.2891, 64.4253



26.6805, 21.7955, 35.7020



6.6047, 6.6002, 8.3325



7.9205, 3.5122, 26.1677



0.1903, 0.0879, 0.4702

Previews

White Background



This preview shows how the XYZ color 25.5431, 31.4848, 20.3537 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 25.5431, 31.4848, 20.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

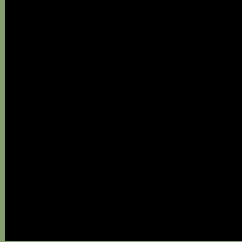
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5431, 31.4848, 20.3537

Background



This preview shows how black text looks on a background with the XYZ color 25.5431, 31.4848, 20.3537.



This preview shows how white text looks on a background with the XYZ color 25.5431, 31.4848,

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

25.5431, 31.4848, 20.3537

Protanopia

29.0928, 31.3471, 18.9852

Deuteranopia

31.7914, 31.2837, 20.8858



Tritanopia

29.5105, 31.3387, 40.0909

Trichromacy



Original Color

25.5431, 31.4848, 20.3537

Protanomaly

27.6727, 31.3408, 19.3427

Deuteranomaly

29.0614, 31.0524, 20.6817

Tritanomaly

27.8920, 31.4277, 31.7902

Monochromacy



Original Color

25.5431, 31.4848, 20.3537

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9291, 30.0454, 27.3017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5431, 31.4848, 20.3537 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(135, 160, 113)` looks like.

```
.text, #text, p{  
    color:rgb(135, 160, 113)  
}
```

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(135, 160, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 160, 113) }
```

Border

The CSS property to change the border of an element to XYZ 25.5431, 31.4848, 20.3537 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(135, 160, 113) }
```


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

```
.border{ border-color:rgb(135, 160, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 160, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 160, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 160, 113);  
box-shadow:4px 4px 4px 4px rgb(135, 160,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5431, 31.4848, 20.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 160, 113) }
```

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

```
.background{ background-color: rgb(135,  
160, 113) }
```

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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