

Converting Colors

XYZ(25.2486, 31.4031, 24.7807)

Have a look what the booklet for
XYZ(25.2486, 31.4031, 24.7807)
contains.

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Color

**XYZ(25.3280, 31.5341,
24.8304)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA17F
RGB	127, 161, 127
RGB Percent	50%, 63%, 50%
CMY	0.5020, 0.3686, 0.5020
CMYK	0.21, 0.00, 0.21, 0.37
HSL	120°, 15%, 56%
HSV	120°, 21%, 63%
XYZ	25.3280, 31.5341, 24.8304
YIQ	146.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

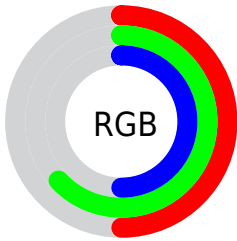
Format	Color
RYB	127, 161, 161
Decimal	8364415
CIELab	62.96, -18.57, 13.94
CIElCh	63, 23.223, 143.110
Yxy	31.5341, 0.3100, 0.3860
Android (android.graphics.Color)	4286554495 (0xFF7FA17F)
YUV	146.9580, -9.8393, -17.5032
Hunter-Lab	56.1552, -17.7618, 13.0921

Details

The XYZ color **25.3280, 31.5341, 24.8304** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.7214, 25.3296, 37.0949**, and the grayscale version is **27.7586, 29.2042, 31.8034**.

A 20% lighter version of the original color is **51.6165, 62.1103, 52.4480**, and **9.9044, 13.0651, 9.2075** is the 20% darker color. If you saturate the color by 10%, you get **22.1523, 30.0096, 19.6353**, and if you desaturate by 10%, it is **29.0563, 33.3259, 30.9280**.

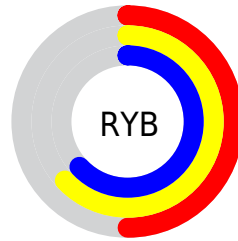
Distribution



Red (50%)

Green (63%)

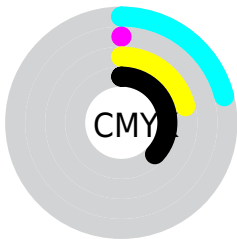
Blue (50%)



Red (50%)

Yellow (63%)

Blue (63%)

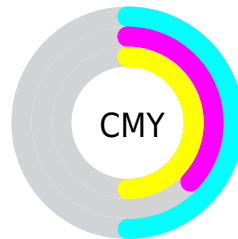


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (37%)



Cyan (50%)

Magenta (37%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3280, 31.5341, 24.8304 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 25.3280, 31.5341, 24.8304 by changing the saturation by 10% instead.

■ 25.3280, 31.5341,
24.8304

■ 25.3280, 31.5341,
24.8304

271.7851,
308.9914, 290.4129

■ 16.4516, 21.0059,
15.7329

■ 51.6279, 62.0800,
52.3427

■ 9.9372, 13.1283,
9.1830

■ 69.7822, 82.8665,
71.5945

■ 5.4193, 7.5170,
4.7623

■ 91.7597, 107.8411,
95.0681

■ 2.5326, 3.7875,
2.0522

117.9260,
137.3884, 123.1821

■ 0.9117, 1.5554,
0.5871

148.6463,
171.8927, 156.3551

■ 0.0000, 0.3272,
0.0000

184.2860,

■ 0.0000, 0.0000,

211.7383, 195.0055

0.0000

225.2105,
257.3098, 239.5519

■ 25.3280, 31.5341,
24.8304

■ 25.3280, 31.5341,
24.8304

■ 22.1523, 30.0096,
19.6353

■ 29.0563, 33.3259,
30.9280

■ 19.5006, 28.7358,
15.2980

■ 33.3590, 35.3928,
37.9658

■ 17.3454, 27.7006,
11.7728

■ 38.2600, 37.7469,
45.9821

■ 15.6560, 26.8891,
9.0094

■ 43.7808, 40.3989,
55.0123

■ 14.3979, 26.2848,
6.9515

■ 49.9421, 43.3585,
65.0901

■ 13.5321, 25.8689,
5.5353

■ 56.7635, 46.6351,
76.2475

■ 13.0126, 25.6193,
4.6855

■ 64.2638, 50.2379,
88.5154

■ 12.7455, 25.4910,
4.2486

■ 72.0355, 53.9710,
101.2285

Harmonies

Analogous

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



27.6280, 31.5341, 20.5766



25.3280, 31.5341, 24.8304



24.2843, 31.5341, 32.2700

Triad

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



25.3280, 31.5341, 24.8304



29.2421, 31.5341, 54.9015



35.9770, 31.5341, 27.8900

Complementary

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



25.3280, 31.5341, 24.8304



28.7214, 25.3296, 37.0949

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.



36.4855, 31.5341, 36.4868



25.3280, 31.5341, 24.8304



32.4454, 31.5341, 53.1656

Square

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



25.3280, 31.5341, 24.8304



26.4379, 31.5341, 50.3936



35.1520, 31.5341, 46.0005



33.8083, 31.5341, 22.1118

Rectangle

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



25.3280, 31.5341, 24.8304



24.3849, 31.5341, 38.4770



35.1520, 31.5341, 46.0005



36.3538, 31.5341, 30.5020

Sweetspot

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



25.3288, 31.5354, 24.8311



55.7614, 61.4710, 61.4821



31.2750, 34.6008, 25.1091



12.1288, 13.4332, 13.3196



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.



25.3288, 31.5354, 24.8311



42.7665, 55.2289, 40.2268



26.5322, 32.0168, 31.1679



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3931



0.2139, 0.4278, 0.0713

Inverse Universe

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



28.7214, 25.3296, 37.0949



49.8710, 42.2330, 65.9090



27.3223, 24.7700, 29.7274



7.3643, 7.2022, 8.9051



16.8764, 8.1066, 27.6037



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 25.3280, 31.5341, 24.8304 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 25.3280, 31.5341, 24.8304 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 25.3280, 31.5341, 24.8304

Background



This preview shows how black text looks on a background with the XYZ color 25.3280, 31.5341, 24.8304.



This preview shows how white text looks on a background with the XYZ color 25.3280, 31.5341,

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

25.3280, 31.5341, 24.8304

Protanopia

29.4390, 31.4387, 22.9290

Deuteranopia

31.7637, 31.1681, 25.4610



Tritanopia

28.6207, 31.3382, 41.5862

Trichromacy



Original Color

25.3280, 31.5341, 24.8304

Protanomaly

27.7539, 31.2875, 23.6451

Deuteranomaly

28.9337, 30.8863, 25.2056

Tritanomaly

27.1668, 31.2391, 34.7349

Monochromacy



Original Color

25.3280, 31.5341, 24.8304

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.7771, 29.9254, 29.1758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3280, 31.5341, 24.8304 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(127, 161, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 161, 127)  
}
```

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(127, 161, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 161, 127) }
```

Border

The CSS property to change the border of an element to XYZ 25.3280, 31.5341, 24.8304 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(127, 161, 127) }
```


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

```
.border{ border-color:rgb(127, 161, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 161, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 161, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 161, 127); box-shadow:4px 4px 4px 4px rgb(127, 161, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3280, 31.5341, 24.8304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 161, 127) }
```

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

```
.background{ background-color: rgb(127,  
161, 127) }
```

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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