

Converting Colors

XYZ(23.2907, 31.2441, 25.2847)

Have a look what the booklet for
XYZ(23.2907, 31.2441, 25.2847)
contains.

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Color

**XYZ(23.2351, 31.2352,
25.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA480
RGB	107, 164, 128
RGB Percent	42%, 64%, 50%
CMY	0.5804, 0.3568, 0.4980
CMYK	0.35, 0.00, 0.22, 0.36
HSL	142°, 24%, 53%
HSV	142°, 35%, 64%
XYZ	23.2351, 31.2352, 25.2265
YIQ	142.8530, -22.4160, -23.2800

Conversions

Conversions Part 2

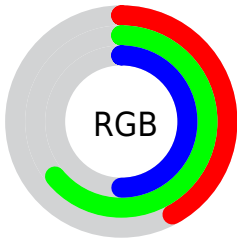
Format	Color
RYB	107, 149, 164
Decimal	7054464
CIELab	62.71, -26.61, 12.86
CIElCh	63, 29.558, 154.205
Yxy	31.2352, 0.2915, 0.3919
Android (android.graphics.Color)	4285244544 (0xFF6BA480)
YUV	142.8530, -7.3225, -31.4431
Hunter-Lab	55.8885, -23.5951, 12.3601

Details

The XYZ color **23.2351, 31.2352, 25.2265** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.5264, 20.3917, 28.5782**, and the grayscale version is **26.0851, 27.4435, 29.8860**.

A 20% lighter version of the original color is **48.1692, 61.4728, 53.0427**, and **8.8363, 12.9936, 9.4394** is the 20% darker color. If you saturate the color by 10%, you get **20.8000, 30.0555, 21.7337**, and if you desaturate by 10%, it is **26.1155, 32.6381, 29.1049**.

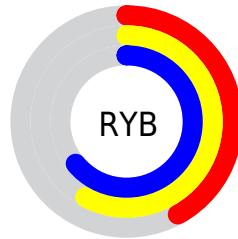
Distribution



Red (42%)

Green (64%)

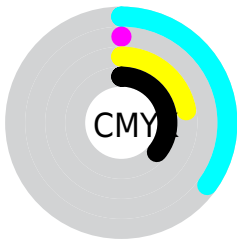
Blue (50%)



Red (42%)

Yellow (58%)

Blue (64%)

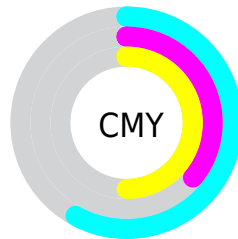


Cyan (35%)

Magenta (0%)

Yellow (22%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2351, 31.2352, 25.2265 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 23.2351, 31.2352, 25.2265 by changing the saturation by 10% instead.

■ 23.2351, 31.2352,
25.2265

■ 23.2351, 31.2352,
25.2265

261.4431,
307.6204, 292.4478

■ 14.8888, 20.7780,
16.0253

■ 48.2429, 61.6102,
52.9931

■ 8.8272, 12.9618,
9.3875

■ 65.6351, 82.2968,
72.3956

■ 4.6849, 7.4023,
4.8946

■ 86.7734, 107.1619,
96.0357

■ 2.0964, 3.7149,
2.1279

■ 112.0231,
136.5901, 124.3318

■ 0.6873, 1.5154,
0.6323

141.7496,
170.9656, 157.7025

■ 0.0000, 0.2995,
0.0000

176.3182,

■ 0.0000, 0.0000,

210.6729, 196.5664

0.0000

216.0942,
256.0964, 241.3420

■ 23.2351, 31.2352,
25.2265

■ 23.2351, 31.2352,
25.2265

■ 20.8000, 30.0555,
21.7337

■ 26.1155, 32.6381,
29.1049

■ 18.7844, 29.0834,
18.6124

■ 29.4602, 34.2712,
33.3781

■ 17.1636, 28.3073,
15.8507


■ 33.2901, 36.1460,
38.0578


■ 15.9092, 27.7129,
13.4354


■ 37.6240, 38.2719,
43.1544


■ 14.9888, 27.2835,
11.3522

■ 42.4800, 40.6581,
48.6780


 14.3627, 26.9992,
9.5859

 47.8749, 43.3129,
54.6384

 14.1029, 26.8828,
8.7793

 53.8249, 46.2446,
61.0450

 60.3455, 49.4609,
67.9069

 67.4516, 52.9695,
75.2329

Harmonies

Analogous

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



25.5360, 31.2352, 18.7419



23.2351, 31.2352, 25.2265



22.6020, 31.2352, 35.6654

Triad

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



23.2351, 31.2352, 25.2265



30.2607, 31.2352, 61.3377



36.5795, 31.2352, 22.9839

Complementary

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



23.2351, 31.2352, 25.2265



25.5264, 20.3917, 28.5782

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.



38.1192, 31.2352, 32.4063



23.2351, 31.2352, 25.2265



34.2676, 31.2352, 55.8999

Square

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



23.2351, 31.2352, 25.2265



26.4377, 31.2352, 58.2002



37.2373, 31.2352, 44.6265



33.1946, 31.2352, 17.6679

Rectangle

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



23.2351, 31.2352, 25.2265



23.1579, 31.2352, 43.9596



37.2373, 31.2352, 44.6265



37.3433, 31.2352, 25.6875

Sweetspot

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



23.2359, 31.2365, 25.2272



56.5375, 63.7046, 64.3723



27.2754, 33.4624, 18.9315



12.1610, 13.8296, 13.8285



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.2359, 31.2365, 25.2272



38.5619, 54.9445, 40.6417



25.3745, 32.0919, 36.4887



7.0884, 7.9362, 8.0773



10.8343, 20.6201, 6.8439



0.2499, 0.4422, 0.2610

Inverse Universe

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



25.5264, 20.3917, 28.5782



43.3734, 32.1393, 47.6635



23.6399, 19.6371, 18.6440



7.2531, 7.1577, 8.3191



13.6619, 6.8208, 10.6760



0.3087, 0.1520, 0.3380

Previews

White Background



This preview shows how the XYZ color 23.2351, 31.2352, 25.2265 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 23.2351, 31.2352, 25.2265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

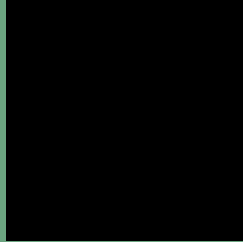
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.2351, 31.2352, 25.2265

Background



This preview shows how black text looks on a background with the XYZ color 23.2351, 31.2352, 25.2265.



This preview shows how white text looks on a background with the XYZ color 23.2351, 31.2352,

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

23.2351, 31.2352, 25.2265

Protanopia

29.0767, 31.0119, 22.8658

Deuteranopia

31.3035, 30.6874, 26.1032



Tritanopia

26.7800, 31.1070, 43.1209

Trichromacy



Original Color

23.2351, 31.2352, 25.2265

Protanomaly

26.5111, 30.8949, 23.6348

Deuteranomaly

27.5377, 30.3911, 25.8874

Tritanomaly

25.2973, 31.0189, 35.6643

Monochromacy



Original Color

23.2351, 31.2352, 25.2265

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.8600, 28.7140, 28.2769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2351, 31.2352, 25.2265 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(107, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(107, 164, 128)  
}
```

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(107, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 164, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.2351, 31.2352, 25.2265 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(107, 164, 128) }
```


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

```
.border{ border-color:rgb(107, 164, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 164, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 164, 128);  
box-shadow:4px 4px 4px 4px rgb(107, 164,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2351, 31.2352, 25.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 164, 128) }
```

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

```
.background{ background-color: rgb(107,  
164, 128) }
```

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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