

Converting Colors

XYZ(25.3655, 33.6741, 31.9657)

Have a look what the booklet for
XYZ(25.3655, 33.6741, 31.9657)
contains.

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Color

**XYZ(25.2427, 33.4844,
31.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA991
RGB	106, 169, 145
RGB Percent	42%, 66%, 57%
CMY	0.5843, 0.3372, 0.4314
CMYK	0.37, 0.00, 0.14, 0.34
HSL	157°, 27%, 54%
HSV	157°, 37%, 66%
XYZ	25.2427, 33.4844, 31.9208
YIQ	147.4270, -29.8440, -20.8200

Conversions

Conversions Part 2

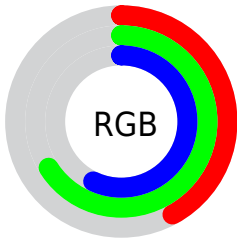
Format	Color
RYB	106, 145, 169
Decimal	6990225
CIELab	64.55, -25.81, 6.02
CIELCh	65, 26.504, 166.873
Yxy	33.4844, 0.2785, 0.3694
Android (android.graphics.Color)	4285180305 (0xFF6AA991)
YUV	147.4270, -1.1965, -36.3315
Hunter-Lab	57.8657, -23.3981, 7.7995

Details

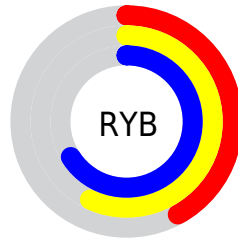
The XYZ color **25.2427, 33.4844, 31.9208** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.5467, 20.3557, 23.7031**, and the grayscale version is **27.9244, 29.3787, 31.9934**.

A 20% lighter version of the original color is **51.7312, 65.4475, 63.9389**, and **9.9482, 14.3331, 13.0687** is the 20% darker color. If you saturate the color by 10%, you get **22.9465, 32.3573, 29.2951**, and if you desaturate by 10%, it is **27.9647, 34.8295, 34.7147**.

Distribution



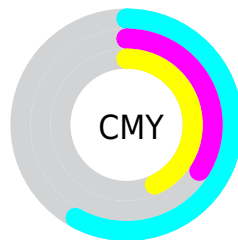
- Red (42%)
- Green (66%)
- Blue (57%)



- Red (42%)
- Yellow (57%)
- Blue (66%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (34%)



- Cyan (58%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2427, 33.4844, 31.9208 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 25.2427, 33.4844, 31.9208 by changing the saturation by 10% instead.

■ 25.2427, 33.4844,
31.9208

■ 25.2427, 33.4844,
31.9208

271.3699,
317.8268, 325.2399

■ 16.3877, 22.4978,
21.0367

■ 51.4907, 65.1311,
63.7834

■ 9.8915, 14.2231,
12.9593

■ 69.6145, 86.5599,
85.5989

■ 5.3888, 8.2760,
7.2701

■ 91.5584, 112.2383,
111.8954

■ 2.5142, 4.2721,
3.5506

■ 117.6880,
142.5506, 143.0912

■ 0.9024, 1.8269,
1.3822

148.3686,
177.8812, 179.6051

■ 0.0000, 0.5038,
0.1278

183.9656,

■ 0.0000, 0.0000,

218.6145, 221.8555

0.0000

224.8442,
265.1349, 270.2609

■ 25.2427, 33.4844,
31.9208

■ 25.2427, 33.4844,
31.9208

■ 22.9465, 32.3573,
29.2951

■ 27.9647, 34.8295,
34.7147

■ 21.0495, 31.4319,
26.8319

■ 31.1317, 36.3999,
37.6781

■ 19.5263, 30.6961,
24.5283

■ 34.7649, 38.2072,
40.8147

■ 18.3474, 30.1347,
22.3802

■ 38.8833, 40.2612,
44.1280

■ 17.4784, 29.7300,
20.3836

■ 43.5051, 42.5713,
47.6207

■ 16.8669, 29.4551,
18.5332

■ 48.6471, 45.1461,
51.2960

■ 16.7187, 29.3891,
18.0532

■ 54.3256, 47.9939,
55.1567

■ 60.5561, 51.1227,
59.2055

■ 66.2019, 53.9464,
63.3913

Harmonies

Analogous

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



26.7975, 33.4844, 23.9702



25.2427, 33.4844, 31.9208



25.3485, 33.4844, 42.8590

Triad

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



25.2427, 33.4844, 31.9208



33.9885, 33.4844, 60.3030



37.0728, 33.4844, 23.2482

Complementary

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



25.2427, 33.4844, 31.9208



25.5467, 20.3557, 23.7031

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.



39.3223, 33.4844, 30.7298



25.2427, 33.4844, 31.9208



37.4470, 33.4844, 52.6705

Square

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



25.2427, 33.4844, 31.9208



30.1992, 33.4844, 60.7983



39.4644, 33.4844, 41.4078



33.5100, 33.4844, 19.6751

Rectangle

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



25.2427, 33.4844, 31.9208



26.3443, 33.4844, 50.4724



39.4644, 33.4844, 41.4078



38.0196, 33.4844, 25.3136

Sweetspot

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



25.2436, 33.4858, 31.9216



59.6078, 67.1040, 70.8552



26.0195, 34.1756, 18.8615



12.8086, 14.5346, 15.2856



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.2436, 33.4858, 31.9216



41.6540, 58.2221, 53.1381



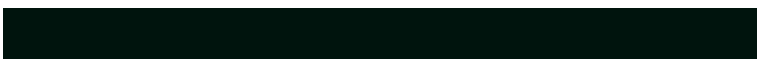
25.9652, 31.6476, 42.2777



7.6246, 8.4829, 9.0091



12.4865, 21.9134, 13.5949



0.3275, 0.5427, 0.4558

Inverse Universe

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



25.5467, 20.3557, 23.7031



42.2842, 31.1639, 36.2299



24.9090, 21.3651, 16.4474



7.6450, 7.5878, 8.4475



12.9170, 6.5755, 4.3743



0.3393, 0.1700, 0.2381

Previews

White Background



This preview shows how the XYZ color 25.2427, 33.4844, 31.9208 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 25.2427, 33.4844, 31.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

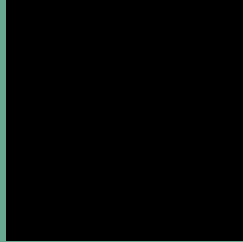
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.2427, 33.4844, 31.9208

Background



This preview shows how black text looks on a background with the XYZ color 25.2427, 33.4844, 31.9208.



This preview shows how white text looks on a background with the XYZ color 25.2427, 33.4844,

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

25.2427, 33.4844, 31.9208

Protanopia

31.4130, 33.0642, 28.7711

Deuteranopia

33.7250, 33.1874, 33.0621



Tritanopia

28.2508, 33.3427, 47.0663

Trichromacy



Original Color

25.2427, 33.4844, 31.9208

Protanomaly

28.5339, 32.8155, 30.0294

Deuteranomaly

29.9666, 32.9814, 32.8036

Tritanomaly

27.0747, 33.4051, 41.0972

Monochromacy



Original Color

25.2427, 33.4844, 31.9208

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.4254, 30.4235, 31.6737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2427, 33.4844, 31.9208 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(106, 169, 145)` looks like.

```
.text, #text, p{  
    color:rgb(106, 169, 145)  
}
```

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(106, 169, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 169, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.2427, 33.4844, 31.9208 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(106, 169, 145) }
```


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

```
.border{ border-color:rgb(106, 169, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 169, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 169, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 169, 145);  
box-shadow:4px 4px 4px 4px rgb(106, 169,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2427, 33.4844, 31.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 169, 145) }
```

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

```
.background{ background-color: rgb(106,  
169, 145) }
```

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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