

Converting Colors

XYZ(25.0720, 31.6635, 31.2379)

Have a look what the booklet for
XYZ(25.0720, 31.6635, 31.2379)
contains.

XYZ(25.2015, 31.8528, 31.2055)	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(25.2015, 31.8528,
31.2055)**

Conversions

Conversions Part 1

Format	Color
Hex	73A390
RGB	115, 163, 144
RGB Percent	45%, 64%, 56%
CMY	0.5490, 0.3608, 0.4353
CMYK	0.29, 0.00, 0.12, 0.36
HSL	156°, 21%, 55%
HSV	156°, 29%, 64%
XYZ	25.2015, 31.8528, 31.2055
YIQ	146.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

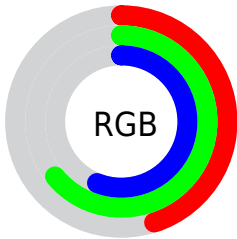
Format	Color
RYB	115, 145, 163
Decimal	7578512
CIELab	63.22, -20.25, 4.73
CIElCh	63, 20.796, 166.865
Yxy	31.8528, 0.2855, 0.3609
Android (android.graphics.Color)	4285768592 (0xFF73A390)
YUV	146.4820, -1.2236, -27.6097
Hunter-Lab	56.4383, -19.0610, 6.7245

Details

The XYZ color **25.2015, 31.8528, 31.2055** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.5392, 21.7701, 25.4117**, and the grayscale version is **27.5318, 28.9656, 31.5435**.

A 20% lighter version of the original color is **51.4129, 62.5449, 62.7887**, and **9.8848, 13.3008, 12.6360** is the 20% darker color. If you saturate the color by 10%, you get **22.7656, 30.6533, 28.5906**, and if you desaturate by 10%, it is **28.0464, 33.2616, 33.9881**.

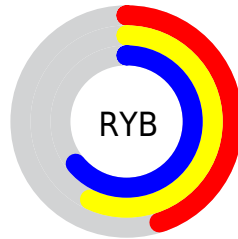
Distribution



Red (45%)

Green (64%)

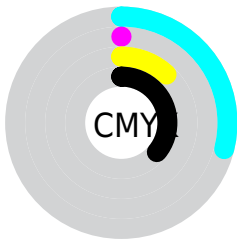
Blue (56%)



Red (45%)

Yellow (57%)

Blue (64%)

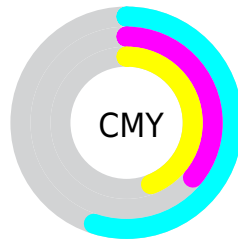


Cyan (29%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (55%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2015, 31.8528, 31.2055 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 25.2015, 31.8528, 31.2055 by changing the saturation by 10% instead.


 25.2015, 31.8528,
31.2055


 25.2015, 31.8528,
31.2055


271.1691,
310.4482, 321.8644


 16.3568, 21.2491,
20.4956


 51.4245, 62.5803,
62.6468

 9.8694, 13.3062,
12.5682


 69.5334, 83.4728,
84.2153

 5.3741, 7.6397,
7.0047


 91.4612, 108.5637,
110.2405

 2.5054, 3.8653,
3.3865

117.5730,
138.2374, 141.1408

 0.8980, 1.5985,
1.2952

148.2344,
172.8784, 177.3348

 0.0000, 0.3566,
0.0579

183.8107,

 0.0000, 0.0000,

212.8709, 219.2410

0.0000

224.6671,
258.5993, 267.2781

■ 25.2015, 31.8528,
31.2055

■ 25.2015, 31.8528,
31.2055

■ 22.7656, 30.6533,
28.5906

■ 28.0464, 33.2616,
33.9881

■ 20.7157, 29.6487,
26.1378

■ 31.3166, 34.8855,
36.9395

■ 19.0302, 28.8288,
23.8443

■ 35.0307, 36.7349,
40.0636

■ 17.6847, 28.1811,
21.7064

■ 39.2054, 38.8184,
43.3634

■ 16.6511, 27.6911,
19.7201

■ 43.8566, 41.1440,
46.8418

■ 15.8970, 27.3423,
17.8813

■ 48.9993, 43.7194,
50.5018

■ 15.3531, 27.0989,
16.1839

■ 54.6479, 46.5522,
54.3462

■ 15.3249, 27.0863,
16.0940

■ 60.8162, 49.6492,
58.3776

■ 65.0073, 51.7233,
62.4813

Harmonies

Analogous

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



26.4153, 31.8528, 24.9394



25.2015, 31.8528, 31.2055



25.2841, 31.8528, 39.4844

Triad

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



25.2015, 31.8528, 31.2055



31.9085, 31.8528, 52.1590



34.2168, 31.8528, 24.3586

Complementary

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



25.2015, 31.8528, 31.2055



25.5392, 21.7701, 25.4117

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.



35.8833, 31.8528, 30.2862



25.2015, 31.8528, 31.2055



34.4938, 31.8528, 46.6803

Square

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



25.2015, 31.8528, 31.2055



29.0355, 31.8528, 52.5102



35.9877, 31.8528, 38.4082



31.5496, 31.8528, 21.4293

Rectangle

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



25.2015, 31.8528, 31.2055



26.0618, 31.8528, 45.0810



35.9877, 31.8528, 38.4082



34.9197, 31.8528, 26.0199

Sweetspot

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



25.2024, 31.8541, 31.2062



56.2592, 62.5622, 66.3061



26.0562, 32.5183, 21.1237



12.4406, 13.9543, 14.7219



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.



25.2024, 31.8541, 31.2062



42.3439, 55.6699, 52.9461



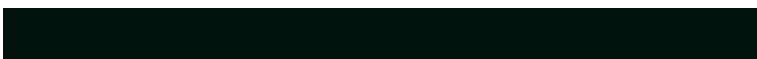
25.9432, 30.8125, 39.2318



7.1568, 7.9635, 8.4373



11.9326, 21.0594, 12.6275



0.2730, 0.4514, 0.3828

Inverse Universe

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



25.5392, 21.7701, 25.4117



43.0434, 34.7858, 40.9550



24.8922, 22.4101, 19.2339



7.1845, 7.1302, 7.9579



12.4909, 6.3524, 4.5095



0.2854, 0.1426, 0.2154

Previews

White Background



This preview shows how the XYZ color 25.2015, 31.8528, 31.2055 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 25.2015, 31.8528, 31.2055 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 25.2015, 31.8528, 31.2055

Background



This preview shows how black text looks on a background with the XYZ color 25.2015, 31.8528, 31.2055.

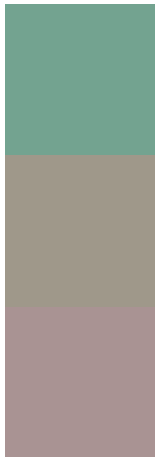


This preview shows how white text looks on a background with the XYZ color 25.2015, 31.8528,

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

25.2015, 31.8528, 31.2055

Protanopia

30.1138, 31.6624, 28.5690

Deuteranopia

32.0624, 31.4090, 31.9764



Tritanopia

27.7297, 31.8398, 43.7139

Trichromacy



Original Color

25.2015, 31.8528, 31.2055

Protanomaly

27.9498, 31.5100, 29.4199

Deuteranomaly

28.9740, 31.2473, 31.6984

Tritanomaly

26.7001, 31.6722, 38.8885

Monochromacy



Original Color

25.2015, 31.8528, 31.2055

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.3307, 29.6517, 31.1236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2015, 31.8528, 31.2055 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(115, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(115, 163, 144)  
}
```

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(115, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 163, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.2015, 31.8528, 31.2055 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(115, 163, 144) }
```


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

```
.border{ border-color:rgb(115, 163, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(115, 163,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2015, 31.8528, 31.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 163, 144) }
```

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

```
.background{ background-color: rgb(115,  
163, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor