

Converting Colors

XYZ(25.2912, 31.0798, 22.7243)

Have a look what the booklet for
XYZ(25.2912, 31.0798, 22.7243)
contains.

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Color

**XYZ(25.2094, 31.0020,
22.7445)**

Conversions

Conversions Part 1

Format	Color
Hex	839F79
RGB	131, 159, 121
RGB Percent	51%, 62%, 47%
CMY	0.4863, 0.3765, 0.5255
CMYK	0.18, 0.00, 0.24, 0.38
HSL	104°, 17%, 55%
HSV	104°, 24%, 62%
XYZ	25.2094, 31.0020, 22.7445
YIQ	146.2960, -4.4900, -17.7540

Conversions

Conversions Part 2

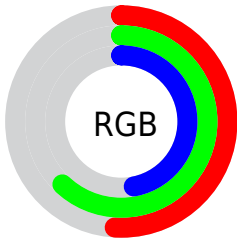
Format	Color
RYB	121, 159, 149
Decimal	8626041
CIELab	62.51, -17.15, 16.69
CIELCh	63, 23.933, 135.776
Yxy	31.0020, 0.3193, 0.3926
Android (android.graphics.Color)	4286816121 (0xFF839F79)
YUV	146.2960, -12.4709, -13.4146
Hunter-Lab	55.6794, -16.6214, 14.7562

Details

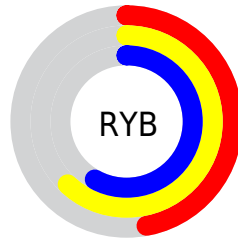
The XYZ color **25.2094, 31.0020, 22.7445** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.4911, 22.5684, 35.8151**, and the grayscale version is **27.4947, 28.9265, 31.5010**.

A 20% lighter version of the original color is **51.3566, 61.3006, 48.6606**, and **9.8207, 12.7326, 8.0709** is the 20% darker color. If you saturate the color by 10%, you get **22.6006, 29.7615, 17.9453**, and if you desaturate by 10%, it is **28.1859, 32.4152, 28.4012**.

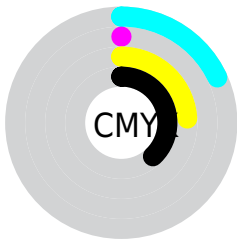
Distribution



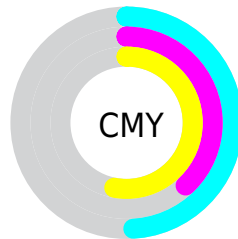
- Red (51%)
- Green (62%)
- Blue (47%)



- Red (47%)
- Yellow (62%)
- Blue (58%)



- Cyan (18%)
- Magenta (0%)
- Yellow (24%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2094, 31.0020, 22.7445 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 25.2094, 31.0020, 22.7445 by changing the saturation by 10% instead.

■ 25.2094, 31.0020,
22.7445

■ 25.2094, 31.0020,
22.7445

271.2076,
306.5475, 279.4892

■ 16.3627, 20.6004,
14.2014

■ 51.4372, 61.2432,
48.8913

■ 9.8736, 12.8322,
8.1206

■ 69.5490, 81.8516,
67.3322

■ 5.3769, 7.3131,
4.0833

■ 91.4798, 106.6310,
89.9093

■ 2.5071, 3.6587,
1.6712

117.5951,
135.9659, 117.0414

■ 0.8988, 1.4845,
0.3409

148.2602,
170.2406, 149.1469

■ 0.0000, 0.2778,
0.0000

183.8404,

■ 0.0000, 0.0000,

209.8395, 186.6443

0.0000

224.7011,
255.1470, 229.9522

■ 25.2094, 31.0020,
22.7445

■ 25.2094, 31.0020,
22.7445

■ 22.6006, 29.7615,
17.9453

■ 28.1859, 32.4152,
28.4012

■ 20.3422, 28.6832,
13.9597

■ 31.5413, 34.0035,
34.9523

■ 18.4195, 27.7612,
10.7433

■ 35.2897, 35.7741,
42.4350

■ 16.8155, 26.9879,
8.2464

■ 39.4434, 37.7327,
50.8837

■ 15.5115, 26.3549,
6.4133

■ 44.0143, 39.8848,
60.3312

■ 14.4869, 25.8529,
5.1805

■ 49.0138, 42.2354,
70.8086

■ 13.7178, 25.4713,
4.4720

■ 54.4529, 44.7896,
82.3458

■ 13.3470, 25.2863,
4.1773

■ 60.3420, 47.5522,
94.9713

■ 65.1903, 49.9274,
100.8088

Harmonies

Analogous

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



27.7991, 31.0020, 19.2908



25.2094, 31.0020, 22.7445



23.8121, 31.0020, 29.5449

Triad

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



25.2094, 31.0020, 22.7445



27.9569, 31.0020, 54.2568



35.9017, 31.0020, 29.1180

Complementary

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



25.2094, 31.0020, 22.7445



25.4911, 22.5684, 35.8151

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.



35.9517, 31.0020, 38.3492



25.2094, 31.0020, 22.7445



31.1992, 31.0020, 54.0846

Square

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



25.2094, 31.0020, 22.7445



25.3175, 31.0020, 48.2816



34.1777, 31.0020, 47.8473



34.0456, 31.0020, 22.4818

Rectangle

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



25.2094, 31.0020, 22.7445



23.6737, 31.0020, 35.5903



34.1777, 31.0020, 47.8473



36.1346, 31.0020, 31.9857

Sweetspot

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



25.2102, 31.0033, 22.7452



54.4664, 59.9395, 58.6211



28.4769, 30.2054, 22.4190



12.2046, 13.4779, 13.0695



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.



25.2102, 31.0033, 22.7452



42.4271, 54.2281, 35.6911



24.3046, 30.4707, 25.6733



6.7063, 7.4813, 7.0762



10.5762, 19.9889, 3.3008



0.2255, 0.3762, 0.0607

Inverse Universe

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



25.4911, 22.5684, 35.8151



43.0198, 36.2909, 63.4809



26.6523, 23.2528, 31.9953



6.7337, 6.6667, 8.3386



10.7950, 4.9941, 26.3022



0.2300, 0.1084, 0.4720

Previews

White Background



This preview shows how the XYZ color 25.2094, 31.0020, 22.7445 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 25.2094, 31.0020, 22.7445 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 25.2094, 31.0020, 22.7445

Background



This preview shows how black text looks on a background with the XYZ color 25.2094, 31.0020, 22.7445.



This preview shows how white text looks on a background with the XYZ color 25.2094, 31.0020,

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

25.2094, 31.0020, 22.7445

Protanopia

28.9754, 30.9946, 21.2850

Deuteranopia

31.4427, 30.8200, 23.3604



Tritanopia

28.6640, 30.9024, 40.0513

Trichromacy



Original Color

25.2094, 31.0020, 22.7445

Protanomaly

27.4033, 30.9032, 21.6602

Deuteranomaly

28.7796, 30.6137, 23.1311

Tritanomaly

27.1378, 30.7635, 32.9414

Monochromacy



Original Color

25.2094, 31.0020, 22.7445

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5665, 29.6021, 27.9805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2094, 31.0020, 22.7445 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(131, 159, 121)` looks like.

```
.text, #text, p{  
    color:rgb(131, 159, 121)  
}
```

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(131, 159, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 159, 121) }
```

Border

The CSS property to change the border of an element to XYZ 25.2094, 31.0020, 22.7445 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(131, 159, 121) }
```


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

```
.border{ border-color:rgb(131, 159, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 159, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 159, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 159, 121);  
box-shadow:4px 4px 4px 4px rgb(131, 159,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2094, 31.0020, 22.7445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 159, 121) }
```

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

```
.background{ background-color: rgb(131,  
159, 121) }
```

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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