

Converting Colors

XYZ(25.8662, 31.5869, 25.1895)

Have a look what the booklet for
XYZ(25.8662, 31.5869, 25.1895)
contains.

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Color

**XYZ(25.8272, 31.5254,
25.1459)**

Conversions

Conversions Part 1

Format	Color
Hex	83A080
RGB	131, 160, 128
RGB Percent	51%, 63%, 50%
CMY	0.4863, 0.3725, 0.4980
CMYK	0.18, 0.00, 0.20, 0.37
HSL	114°, 14%, 56%
HSV	114°, 20%, 63%
XYZ	25.8272, 31.5254, 25.1459
YIQ	147.6810, -7.0120, -16.1000

Conversions

Conversions Part 2

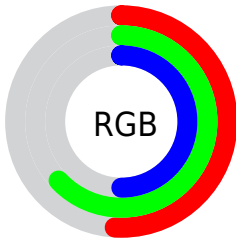
Format	Color
RYB	128, 160, 157
Decimal	8626304
CIELab	62.95, -16.44, 13.41
CIElCh	63, 21.218, 140.794
Yxy	31.5254, 0.3131, 0.3821
Android (android.graphics.Color)	4286816384 (0xFF83A080)
YUV	147.6810, -9.7027, -14.6292
Hunter-Lab	56.1475, -16.1501, 12.7499

Details

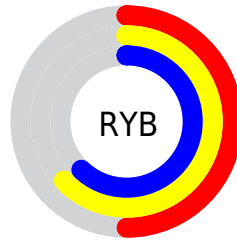
The XYZ color **25.8272, 31.5254, 25.1459** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.9702, 25.1454, 36.6386**, and the grayscale version is **28.0574, 29.5185, 32.1457**.

A 20% lighter version of the original color is **52.4081, 62.1274, 52.9457**, and **10.1672, 13.0390, 9.3780** is the 20% darker color. If you saturate the color by 10%, you get **22.7653, 30.0601, 19.9319**, and if you desaturate by 10%, it is **29.3713, 33.2219, 31.2507**.

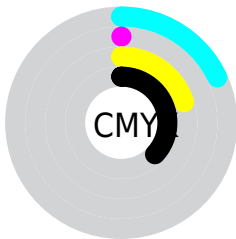
Distribution



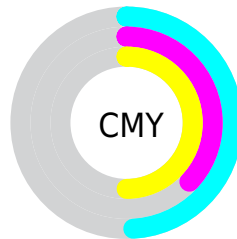
- Red (51%)
- Green (63%)
- Blue (50%)



- Red (50%)
- Yellow (63%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8272, 31.5254, 25.1459 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 25.8272, 31.5254, 25.1459 by changing the saturation by 10% instead.

■ 25.8272, 31.5254,
25.1459

■ 25.8272, 31.5254,
25.1459

274.2051,
308.9516, 292.0347

■ 16.8264, 20.9993,
15.9658

■ 52.4293, 62.0663,
52.8609

■ 10.2053, 13.1235,
9.3458

■ 70.7614, 82.8499,
72.2328

■ 5.5986, 7.5136,
4.8676

■ 92.9346, 107.8214,
95.8391

■ 2.6409, 3.7853,
2.1124

119.3143,
137.3652, 124.0983

■ 0.9669, 1.5542,
0.6231

150.2658,
171.8657, 157.4289

■ 0.0000, 0.3264,
0.0000

186.1546,

■ 0.0000, 0.0000,

211.7074, 196.2494

0.0000

227.3459,
257.2745, 240.9785

■ 25.8272, 31.5254,
25.1459

■ 25.8272, 31.5254,
25.1459

■ 22.7653, 30.0601,
19.9319

■ 29.3713, 33.2219,
31.2507

■ 20.1623, 28.8121,
15.5652

■ 33.4144, 35.1548,
38.2831

■ 17.9967, 27.7724,
12.0016

■ 37.9759, 37.3340,
46.2803

■ 16.2444, 26.9294,
9.1922

■ 43.0733, 39.7680,
55.2766

■ 14.8789, 26.2708,
7.0828

■ 48.7231, 42.4644,
65.3051

■ 13.8707, 25.7825,
5.6119

■ 54.9413, 45.4310,
76.3969

■ 13.1858, 25.4487,
4.7073

■ 61.7431, 48.6748,
88.5821

■ 12.7684, 25.2443,
4.1997

■ 68.9812, 52.1380,
101.0357

■ 71.8614, 53.6228,
101.1705

Harmonies

Analogous

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



28.0178, 31.5254, 21.3997



25.8272, 31.5254, 25.1459



24.7647, 31.5254, 31.8212

Triad

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



25.8272, 31.5254, 25.1459



29.0761, 31.5254, 52.7347



35.5153, 31.5254, 28.9366

Complementary

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



25.8272, 31.5254, 25.1459



27.9702, 25.1454, 36.6386

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.



35.8443, 31.5254, 36.9585



25.8272, 31.5254, 25.1459



31.9982, 31.5254, 51.6257

Square

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



25.8272, 31.5254, 25.1459



26.5588, 31.5254, 48.3274



34.5204, 31.5254, 45.5054



33.6484, 31.5254, 23.3291

Rectangle

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



25.8272, 31.5254, 25.1459



24.7884, 31.5254, 37.4207



34.5204, 31.5254, 45.5054



35.8139, 31.5254, 31.4065

Sweetspot

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



25.8280, 31.5267, 25.1466



56.0696, 61.6299, 61.4964



30.4180, 33.0799, 25.2045



12.2024, 13.4712, 13.3230



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.



25.8280, 31.5267, 25.1466



44.3072, 56.0024, 41.2370



26.2667, 31.6493, 29.8468



6.6056, 7.4293, 7.0715



9.9642, 19.6734, 3.2722



0.1930, 0.3594, 0.0592

Inverse Universe

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



27.9702, 25.1454, 36.6386



48.9153, 42.2692, 65.9672



27.4996, 25.0256, 31.0683



6.8428, 6.7230, 8.3437



14.0592, 6.6768, 26.4550



0.2674, 0.1276, 0.4738

Previews

White Background



This preview shows how the XYZ color 25.8272, 31.5254, 25.1459 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 25.8272, 31.5254, 25.1459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

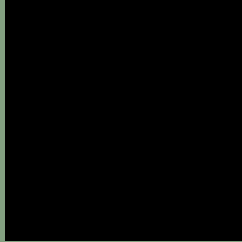
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.8272, 31.5254, 25.1459

Background



This preview shows how black text looks on a background with the XYZ color 25.8272, 31.5254, 25.1459.



This preview shows how white text looks on a background with the XYZ color 25.8272, 31.5254,

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

25.8272, 31.5254, 25.1459

Protanopia

29.5643, 31.4888, 23.5885

Deuteranopia

31.8312, 31.1951, 25.8163



Tritanopia

29.0129, 31.5511, 41.1200

Trichromacy



Original Color

25.8272, 31.5254, 25.1459

Protanomaly

28.0007, 31.4074, 23.9885

Deuteranomaly

29.1964, 31.0140, 25.5666

Tritanomaly

27.7984, 31.5647, 34.7645

Monochromacy



Original Color

25.8272, 31.5254, 25.1459

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1913, 30.1303, 29.5819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8272, 31.5254, 25.1459 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, 160, 128)` looks like.

```
.text, #text, p{  
    color:rgb(131, 160, 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(131, 160, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 160, 128) }
```

Border

The CSS property to change the border of an element to XYZ 25.8272, 31.5254, 25.1459 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, 160, 128) }
```


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

```
.border{ border-color:rgb(131, 160, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 160, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 160, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 160, 128);  
box-shadow:4px 4px 4px 4px rgb(131, 160,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8272, 31.5254, 25.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 160, 128) }
```

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

```
.background{ background-color: rgb(131,  
160, 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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