

Converting Colors

XYZ(28.0984, 31.5842, 25.6149)

Have a look what the booklet for
XYZ(28.0984, 31.5842, 25.6149)
contains.

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Color

**XYZ(28.1305, 31.6845,
25.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	949C82
RGB	148, 156, 130
RGB Percent	58%, 61%, 51%
CMY	0.4196, 0.3882, 0.4902
CMYK	0.05, 0.00, 0.17, 0.39
HSL	78°, 12%, 56%
HSV	78°, 17%, 61%
XYZ	28.1305, 31.6845, 25.7522
YIQ	150.6440, 3.5780, -9.7820

Conversions

Conversions Part 2

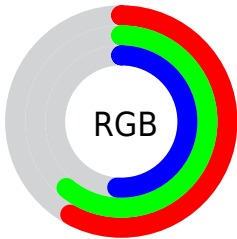
Format	Color
RYB	130, 156, 138
Decimal	9739394
CIELab	63.08, -7.66, 12.66
CIELCh	63, 14.799, 121.167
Yxy	31.6845, 0.3288, 0.3703
Android (android.graphics.Color)	4287929474 (0xFF949C82)
YUV	150.6440, -10.1775, -2.3188
Hunter-Lab	56.2890, -9.3001, 12.2771

Details

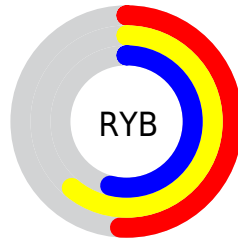
The XYZ color **28.1305, 31.6845, 25.7522** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.4658, 23.7697, 34.7526**, and the grayscale version is **29.3050, 30.8312, 33.5751**.

A 20% lighter version of the original color is **55.9510, 62.0686, 53.8313**, and **11.4665, 13.2386, 9.7355** is the 20% darker color. If you saturate the color by 10%, you get **26.3115, 30.8597, 20.6093**, and if you desaturate by 10%, it is **30.1460, 32.5942, 31.7344**.

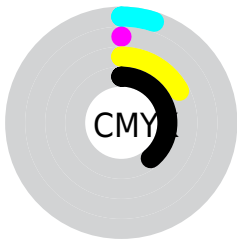
Distribution



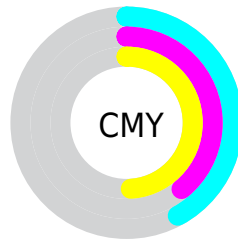
- Red (58%)
- Green (61%)
- Blue (51%)



- Red (51%)
- Yellow (61%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1305, 31.6845, 25.7522 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 28.1305, 31.6845, 25.7522 by changing the saturation by 10% instead.

■ 28.1305, 31.6845,
25.7522

■ 28.1305, 31.6845,
25.7522

285.1588,
309.6795, 295.1302

■ 18.5650, 21.1206,
16.4142

■ 56.0999, 62.3162,
53.8541

■ 11.4585, 13.2122,
9.6602

■ 75.2345, 83.1527,
73.4551

■ 6.4457, 7.5748,
5.0716

■ 98.2896, 108.1823,
97.3142

■ 3.1612, 3.8241,
2.2299

125.6304,
137.7894, 125.8500

■ 1.2395, 1.5757,
0.6915

157.6224,
172.3582, 159.4809

■ 0.1373, 0.3411,
0.0000

194.6309,

■ 0.0000, 0.0000,

212.2732, 198.6255

0.0000

237.0212,
257.9189, 243.7025

■ 28.1305, 31.6845,
25.7522

■ 28.1305, 31.6845,
25.7522

■ 26.3115, 30.8597,
20.6093

■ 30.1460, 32.5942,
31.7344

■ 24.6789, 30.1125,
16.2660

■ 32.3626, 33.5875,
38.5891

■ 23.2256, 29.4411,
12.6828

■ 34.7879, 34.6685,
46.3500

■ 21.9425, 28.8418,
9.8156

■ 37.4282, 35.8398,
55.0486

■ 20.8203, 28.3108,
7.6159

■ 40.2895, 37.1039,
64.7148

■ 19.8479, 27.8436,
6.0295

■ 43.3778, 38.4632,
75.3773

■ 19.0131, 27.4353,
4.9932

■ 46.6987, 39.9199,
87.0634

■ 18.2971, 27.0783,
4.4116

■ 50.2574, 41.4763,
99.7995

■ 18.0723, 26.9657,
4.2524

■ 51.4785, 42.1021,
100.0211

Harmonies

Analogous

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



30.0354, 31.6845, 24.4428



28.1305, 31.6845, 25.7522



26.8081, 31.6845, 29.3603

Triad

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



28.1305, 31.6845, 25.7522



28.2629, 31.6845, 45.3050



34.2094, 31.6845, 34.2708

Complementary

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



28.1305, 31.6845, 25.7522



24.4658, 23.7697, 34.7526

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.



33.6836, 31.6845, 40.2049



28.1305, 31.6845, 25.7522



30.1951, 31.6845, 46.9927

Square

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



28.1305, 31.6845, 25.7522



26.8821, 31.6845, 40.6453



32.1911, 31.6845, 45.0312



33.5976, 31.6845, 29.0059

Rectangle

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



28.1305, 31.6845, 25.7522



26.4033, 31.6845, 32.8027



32.1911, 31.6845, 45.0312



34.1596, 31.6845, 36.2529

Sweetspot

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



28.1313, 31.6859, 25.7529



55.3580, 59.4700, 59.4824



26.8005, 26.8002, 24.8800



12.1256, 13.0610, 12.9193



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.1313, 31.6859, 25.7529



49.8191, 56.9711, 43.1151



25.9426, 30.5576, 25.6505



6.9713, 7.6179, 7.0886



14.9217, 22.2292, 3.5042



0.3078, 0.4186, 0.0646

Inverse Universe

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



24.4658, 23.7697, 34.7526



41.8814, 39.8269, 62.6067



26.7099, 24.9265, 34.8576



6.4672, 6.5293, 8.3261



5.9793, 2.5115, 26.0769



0.1473, 0.0657, 0.4682

Previews

White Background



This preview shows how the XYZ color 28.1305, 31.6845, 25.7522 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 28.1305, 31.6845, 25.7522 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

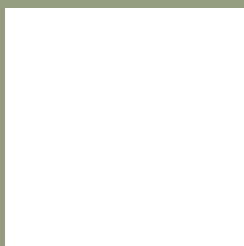
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1305, 31.6845, 25.7522

Background



This preview shows how black text looks on a background with the XYZ color 28.1305, 31.6845, 25.7522.



This preview shows how white text looks on a background with the XYZ color 28.1305, 31.6845,

25.7522.

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

28.1305, 31.6845, 25.7522

Protanopia

29.8225, 31.5921, 24.9481

Deuteranopia

32.2778, 31.6473, 26.2371



Tritanopia

30.8143, 31.5499, 39.1160

Trichromacy



Original Color

28.1305, 31.6845, 25.7522

Protanomaly

29.0640, 31.4354, 25.3047

Deuteranomaly

30.5201, 31.4507, 25.9347

Tritanomaly

29.7396, 31.5961, 33.8094

Monochromacy



Original Color

28.1305, 31.6845, 25.7522

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9268, 31.2497, 30.4938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1305, 31.6845, 25.7522 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(148, 156, 130)` looks like.

```
.text, #text, p{  
    color:rgb(148, 156, 130)  
}
```

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(148, 156, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 156, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.1305, 31.6845, 25.7522 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(148, 156, 130) }
```


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

```
.border{ border-color:rgb(148, 156, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 156, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 156, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 156, 130);  
box-shadow:4px 4px 4px 4px rgb(148, 156,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1305, 31.6845, 25.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 156, 130) }
```

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

```
.background{ background-color: rgb(148,  
156, 130) }
```

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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