

Converting Colors

XYZ(49.9331, 40.9323, 28.2460)

Have a look what the booklet for
XYZ(49.9331, 40.9323, 28.2460)
contains.

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Color

**XYZ(49.8881, 40.9336,
28.1933)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9487
RGB	237, 148, 135
RGB Percent	93%, 58%, 53%
CMY	0.0706, 0.4196, 0.4706
CMYK	0.00, 0.38, 0.43, 0.07
HSL	8°, 74%, 73%
HSV	8°, 43%, 93%
XYZ	49.8881, 40.9336, 28.1933
YIQ	173.1290, 57.2170, 14.8250

Conversions

Conversions Part 2

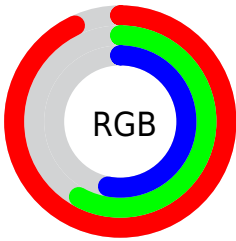
Format	Color
R _Y B	237, 150, 135
Decimal	15570055
CIE Lab	70.13, 32.08, 21.02
CIE LCh	70, 38.354, 33.240
Yxy	40.9336, 0.4192, 0.3439
Android (android.graphics.Color)	4293760135 (0xFFED9487)
YUV	173.1290, -18.7976, 56.0149
Hunter-Lab	63.9794, 27.2220, 18.6587

Details

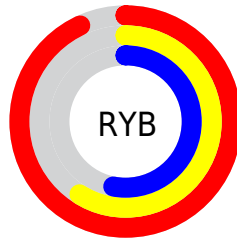
The XYZ color **49.8881, 40.9336, 28.1933** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.9321, 64.5738, 89.8474**, and the grayscale version is **39.8597, 41.9355, 45.6678**.

A 20% lighter version of the original color is **71.6730, 67.6027, 56.8480**, and **24.1827, 18.4866, 10.8880** is the 20% darker color. If you saturate the color by 10%, you get **45.4427, 34.4225, 19.3752**, and if you desaturate by 10%, it is **55.2864, 48.7561, 39.1621**.

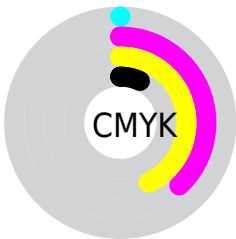
Distribution



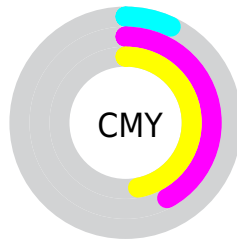
- Red (93%)
- Green (58%)
- Blue (53%)



- Red (93%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (7%)





- Cyan (7%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.8881, 40.9336, 28.1933 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 49.8881, 40.9336, 28.1933 by changing the saturation by 10% instead.


 49.8881, 40.9336,
28.1933


 49.8881, 40.9336,
28.1933


376.6874,
350.0430, 307.3304


 35.5419, 28.2672,
18.2311


 89.2019, 76.5831,
57.8197

 24.2491, 18.5272,
10.9449

 114.9002,
100.3350, 78.3210

 15.6442, 11.3291,
5.9161


 145.1133,
128.5508, 103.1725

 9.3620, 6.2887,
2.7262

180.2064,
161.6150, 132.7926

 5.0370, 3.0214,
0.9566

220.5451,
199.9119, 167.5999

 2.3040, 1.1429,
0.0000

266.4946,

 0.7967, 0.0143,

243.8259, 208.0129

0.0000

318.4202,
293.7415, 254.4502

■ 0.0000, 0.0000,
0.0000

■ 49.8881, 40.9336,
28.1933

■ 49.8881, 40.9336,
28.1933

■ 45.4427, 34.4225,
19.3752

■ 55.2864, 48.7561,
39.1621

■ 41.8912, 29.1451,
12.5638

■ 61.6857, 57.9500,
52.4080

■ 39.1731, 25.0246,
7.6014


■ 69.1345, 68.5790,
68.0503

■ 37.2186, 21.9735,
4.3052

■ 77.6773, 80.7011,
86.1995

■ 35.9461, 19.8910,
2.4549

■ 87.3559, 94.3711,
106.9589

 35.3948, 18.9441,
1.7911

 88.7349, 96.7445,
108.6045

Harmonies

Analogous

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



52.2297, 40.9336, 42.6461



49.8881, 40.9336, 28.1933



44.5919, 40.9336, 20.2986

Triad

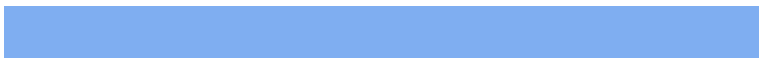
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.8881, 40.9336, 28.1933



29.1019, 40.9336, 30.7587



39.5917, 40.9336, 88.7040

Complementary

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



49.8881, 40.9336, 28.1933



51.9321, 64.5738, 89.8474

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.



33.7255, 40.9336, 83.0634



49.8881, 40.9336, 28.1933



28.0662, 40.9336, 46.5503

Square

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



49.8881, 40.9336, 28.1933



32.6636, 40.9336, 21.4761



29.6671, 40.9336, 66.3062



45.8973, 40.9336, 80.1423

Rectangle

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



49.8881, 40.9336, 28.1933



40.3428, 40.9336, 18.3194



29.6671, 40.9336, 66.3062



37.5040, 40.9336, 88.4119

Sweetspot

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



49.8891, 40.9356, 28.1941



81.6219, 80.9604, 80.3269



57.1933, 40.7745, 76.1615



17.0299, 16.7016, 16.2637



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



49.8891, 40.9356, 28.1941



54.0548, 41.2294, 23.6516



59.4695, 60.0964, 31.3875



15.2202, 15.3635, 15.6820



19.3759, 10.4460, 0.9951



1.5714, 0.9201, 0.0948

Inverse Universe

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



51.9321, 64.5738, 89.8474



56.7344, 72.5901, 105.6288



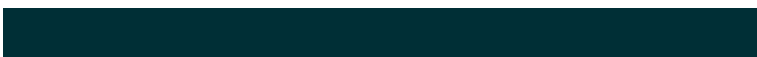
40.4334, 41.5764, 86.0145



15.3443, 16.7750, 19.3514



20.5666, 27.7802, 48.0211



1.6608, 2.2730, 3.7861

Previews

White Background



This preview shows how the XYZ color 49.8881, 40.9336, 28.1933 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 49.8881, 40.9336, 28.1933 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 49.8881, 40.9336, 28.1933

Background



This preview shows how black text looks on a background with the XYZ color 49.8881, 40.9336, 28.1933.



This preview shows how white text looks on a background with the XYZ color 49.8881, 40.9336,

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

49.8881, 40.9336, 28.1933

Protanopia

38.8073, 41.0249, 33.0674

Deuteranopia

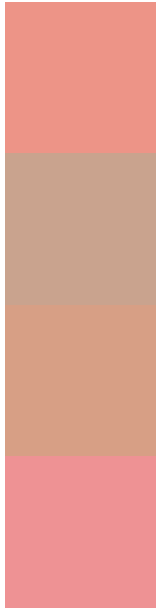
41.9771, 41.1328, 27.5568



Tritanopia

51.7228, 41.0018, 36.6405

Trichromacy



Original Color

49.8881, 40.9336, 28.1933

Protanomaly

42.0671, 40.5649, 31.2038

Deuteranomaly

44.6561, 40.9368, 27.7383

Tritanomaly

50.8841, 40.8730, 33.2244

Monochromacy



Original Color

49.8881, 40.9336, 28.1933

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.2984, 40.7899, 38.4448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8881, 40.9336, 28.1933 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(237, 148, 135)` looks like.

```
.text, #text, p{  
    color:rgb(237, 148, 135)  
}
```

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(237, 148, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 148, 135) }
```

Border

The CSS property to change the border of an element to XYZ 49.8881, 40.9336, 28.1933 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(237, 148, 135) }
```


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

```
.border{ border-color:rgb(237, 148, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 148, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 148, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 148, 135);  
box-shadow:4px 4px 4px 4px rgb(237, 148,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8881, 40.9336, 28.1933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 148, 135) }
```

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

```
.background{ background-color: rgb(237,  
148, 135) }
```

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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