

Converting Colors

XYZ(28.4799, 41.0689, 48.9290)

Have a look what the booklet for
XYZ(28.4799, 41.0689, 48.9290)
contains.

XYZ(28.5367, 41.1057, 49.0780)	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(28.5367, 41.1057,
49.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	3EBEB3
RGB	62, 190, 179
RGB Percent	24%, 75%, 70%
CMY	0.7568, 0.2549, 0.2980
CMYK	0.67, 0.00, 0.06, 0.25
HSL	175°, 51%, 49%
HSV	175°, 67%, 75%
XYZ	28.5367, 41.1057, 49.0780
YIQ	150.4740, -72.7570, -30.5570

Conversions

Conversions Part 2

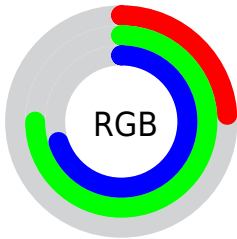
Format	Color
R _Y B	62, 129, 190
Decimal	4112051
CIE Lab	70.25, -36.96, -4.64
CIE LCh	70, 37.252, 187.154
Yxy	41.1057, 0.2404, 0.3462
Android (android.graphics.Color)	4282302131 (0xFF3EBEB3)
YUV	150.4740, 14.0633, -77.5917
Hunter-Lab	64.1137, -32.7496, -0.5059

Details

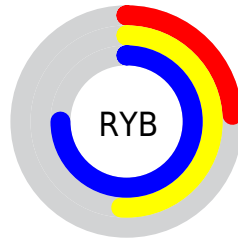
The XYZ color **28.5367, 41.1057, 49.0780** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **24.1617, 14.8746, 7.9022**, and the grayscale version is **29.1563, 30.6747, 33.4048**.

A 20% lighter version of the original color is **56.8603, 76.9553, 90.4543**, and **12.5701, 19.1147, 22.7657** is the 20% darker color. If you saturate the color by 10%, you get **27.3832, 40.5310, 48.1677**, and if you desaturate by 10%, it is **30.1110, 41.8990, 50.0200**.

Distribution



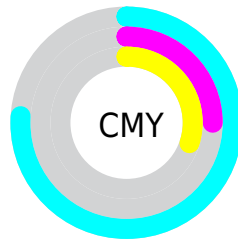
- Red (24%)
- Green (75%)
- Blue (70%)



- Red (24%)
- Yellow (51%)
- Blue (75%)



- Cyan (67%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (76%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5367, 41.1057, 49.0780 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 28.5367, 41.1057, 49.0780 by changing the saturation by 10% instead.

■ 28.5367, 41.1057,
49.0780

■ 28.5367, 41.1057,
49.0780

287.0565,
350.7622, 399.6806

■ 18.8731, 28.4017,
34.3153

■ 56.7428, 76.8443,
90.1895

■ 11.6821, 18.6287,
22.8566

■ 76.0161, 100.6477,
117.3754

■ 6.5983, 11.4023,
14.2834

■ 99.2234, 128.9197,
149.5394

■ 3.2562, 6.3381,
8.1770

■ 126.7300,
162.0447, 187.1001

■ 1.2907, 3.0517,
4.1190

■ 158.9012,
200.4070, 230.4760

■ 0.1762, 1.1588,
1.6909

196.1025,

■ 0.0000, 0.0277,

244.3911, 280.0857

0.3545

238.6991,
294.3814, 336.3477

■ 0.0000, 0.0000,
0.0000

■ 28.5367, 41.1057,
49.0780

■ 28.5367, 41.1057,
49.0780

■ 27.3832, 40.5310,
48.1677

■ 30.1110, 41.8990,
50.0200

■ 26.6012, 40.1466,
47.2841

■ 32.1415, 42.9264,
50.9927

■ 26.1267, 39.9205,
46.4250

■ 34.6641, 44.2072,
51.9987

■ 26.0221, 39.8714,
46.2014

■ 37.7099, 45.7575,
53.0395

■ 41.3077, 47.5921,
54.1165

■ 45.4839, 49.7247,
55.2310

■ 50.2635, 52.1681,
56.3841

■ 55.6698, 54.9343,
57.5770

■ 61.7250, 58.0348,
58.8107

Harmonies

Analogous

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



29.2151, 41.1057, 32.9268



28.5367, 41.1057, 49.0780



30.4367, 41.1057, 68.3003

Triad

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



28.5367, 41.1057, 49.0780



46.6010, 41.1057, 77.2741



43.8094, 41.1057, 20.3652

Complementary

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



28.5367, 41.1057, 49.0780



24.1617, 14.8746, 7.9022

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.



49.1979, 41.1057, 27.3610



28.5367, 41.1057, 49.0780



50.9232, 41.1057, 59.1278

Square

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



28.5367, 41.1057, 49.0780



40.5507, 41.1057, 87.1137



51.9200, 41.1057, 40.6976



37.6253, 41.1057, 18.9912

Rectangle

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



28.5367, 41.1057, 49.0780



33.0395, 41.1057, 79.3801



51.9200, 41.1057, 40.6976



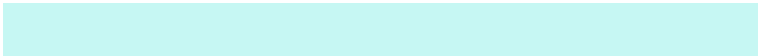
45.7923, 41.1057, 22.0286

Sweetspot

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



28.5379, 41.1073, 49.0790



72.8174, 85.2023, 97.4794



22.1702, 38.6641, 10.8527



15.5786, 18.4998, 21.2833



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.5379, 41.1073, 49.0790



48.8411, 73.0605, 86.4860



20.4858, 23.1507, 52.1057



9.7722, 10.7950, 12.0501



17.3171, 26.5171, 30.7964



0.6888, 1.0429, 1.2617

Inverse Universe

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



24.1617, 14.8746, 7.9022



40.4293, 22.2432, 7.0455



28.0336, 23.1514, 7.5494



9.5626, 9.5493, 10.0855



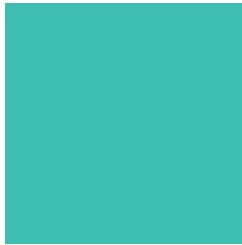
14.1967, 7.3098, 1.0637



0.5675, 0.2909, 0.1018

Previews

White Background



This preview shows how the XYZ color 28.5367, 41.1057, 49.0780 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 28.5367, 41.1057, 49.0780 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

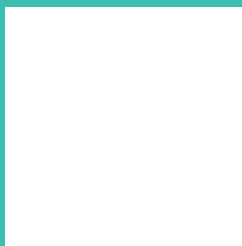
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5367, 41.1057, 49.0780

Background



This preview shows how black text looks on a background with the XYZ color 28.5367, 41.1057, 49.0780.

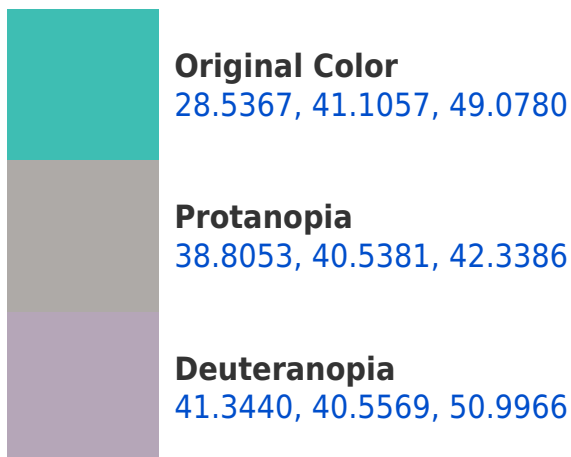


This preview shows how white text looks on a background with the XYZ color 28.5367, 41.1057,

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





Tritanopia

31.2550, 41.2608, 62.1939

Trichromacy



Original Color

28.5367, 41.1057, 49.0780

Protanomaly

32.7457, 39.3711, 44.4016

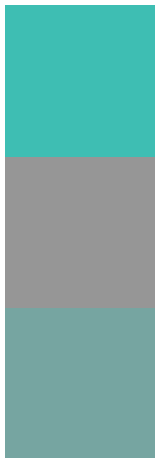
Deuteranomaly

34.2547, 39.4406, 50.0634

Tritanomaly

30.2466, 41.1636, 57.3901

Monochromacy



Original Color

28.5367, 41.1057, 49.0780

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.3594, 33.3350, 38.7105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5367, 41.1057, 49.0780 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(62, 190, 179)` looks like.

```
.text, #text, p{  
    color:rgb(62, 190, 179)  
}
```

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(62, 190, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 190, 179) }
```

Border

The CSS property to change the border of an element to XYZ 28.5367, 41.1057, 49.0780 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(62, 190, 179) }
```


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

```
.border{ border-color:rgb(62, 190, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 190, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 190, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 190, 179);  
box-shadow:4px 4px 4px 4px rgb(62, 190,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5367, 41.1057, 49.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 190, 179) }
```

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

```
.background{ background-color: rgb(62, 190,  
179) }
```

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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