

Converting Colors

XYZ(41.2486, 57.1149, 90.0207)

Have a look what the booklet for
XYZ(41.2486, 57.1149, 90.0207)
contains.

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Color

**XYZ(41.1650, 57.0428,
89.7296)**

Conversions

Conversions Part 1

Format	Color
Hex	19DBEE
RGB	25, 219, 238
RGB Percent	10%, 86%, 93%
CMY	0.9018, 0.1412, 0.0667
CMYK	0.89, 0.08, 0.00, 0.07
HSL	185°, 86%, 52%
HSV	185°, 89%, 93%
XYZ	41.1650, 57.0428, 89.7296
YIQ	163.1600, -121.7230, -35.2190

Conversions

Conversions Part 2

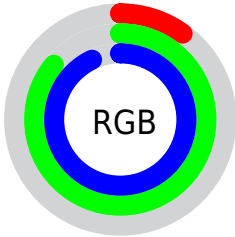
Format	Color
RYB	25, 127, 238
Decimal	1694702
CIELab	80.20, -36.37, -21.64
CIELCh	80, 42.324, 210.751
Yxy	57.0428, 0.2190, 0.3035
Android (android.graphics.Color)	4279884782 (0xFF19DBEE)
YUV	163.1600, 36.8961, -121.1663
Hunter-Lab	75.5267, -34.8822, -17.5709

Details

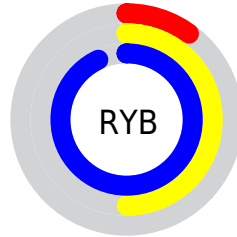
The XYZ color **41.1650, 57.0428, 89.7296** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **36.3379, 20.0512, 2.8765**, and the grayscale version is **34.7656, 36.5762, 39.8314**.

A 20% lighter version of the original color is **61.2812, 82.5916, 107.3196**, and **21.5407, 29.5718, 48.8286** is the 20% darker color. If you saturate the color by 10%, you get **40.2302, 55.7450, 89.5295**, and if you desaturate by 10%, it is **42.5811, 58.6015, 89.9569**.

Distribution



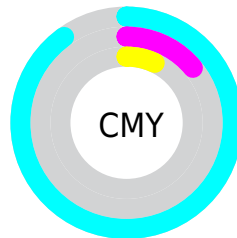
- Red (10%)
- Green (86%)
- Blue (93%)



- Red (10%)
- Yellow (50%)
- Blue (93%)



- Cyan (89%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)





- Cyan (90%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1650, 57.0428, 89.7296 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 41.1650, 57.0428, 89.7296 by changing the saturation by 10% instead.

 41.1650, 57.0428,
89.7296


 41.1650, 57.0428,
89.7296


342.0606,
413.6097, 547.6982


 28.6363, 41.0396,
67.1839


 76.2074, 100.5276,
148.8950


 18.9487, 28.3500,
48.7716


 99.4518, 128.7781,
186.3518


 11.7370, 18.5897,
34.0740


 126.9989,
161.8797, 229.6160

 6.6358, 11.3742,
22.6726

 159.2139,
200.2169, 279.1063

 3.2797, 6.3191,
14.1489

 196.4622,
244.1741, 335.2411

 1.3033, 3.0401,
8.0844

239.1092,

 0.1857, 1.1527,

294.1357, 398.4390

4.0605

287.5202,
350.4861, 469.1186

■ 0.0000, 0.0225,
1.6586

■ 0.0000, 0.0000,
0.3321

■ 41.1650, 57.0428,
89.7296

■ 41.1650, 57.0428,
89.7296

■ 40.2302, 55.7450,
89.5295

■ 42.5811, 58.6015,
89.9569

■ 40.1865, 55.6805,
89.5193

■ 44.6069, 60.4839,
90.2135

■ 47.3281, 62.7354,
90.5046

■ 50.8154, 65.3924,
90.8337

■ 55.1306, 68.4868,
91.2035

■ 60.3293, 72.0474,
91.6168

■ 66.4621, 76.1002,
92.0758

■ 73.5759, 80.6695,
92.5829

■ 81.7145, 85.7779,
93.1399

Harmonies

Analogous

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



39.2539, 57.0428, 62.7348



41.1650, 57.0428, 89.7296



46.5036, 57.0428, 113.5144

Triad

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



41.1650, 57.0428, 89.7296



70.0305, 57.0428, 88.3581



54.0003, 57.0428, 25.6669

Complementary

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



41.1650, 57.0428, 89.7296



36.3379, 20.0512, 2.8765

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.



62.7405, 57.0428, 29.1767



41.1650, 57.0428, 89.7296



72.5694, 57.0428, 61.4892

Square

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



41.1650, 57.0428, 89.7296



63.1565, 57.0428, 112.5860



69.7729, 57.0428, 40.8336



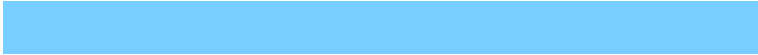
46.1644, 57.0428, 29.5547

Rectangle

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



41.1650, 57.0428, 89.7296



51.5926, 57.0428, 121.8481



69.7729, 57.0428, 40.8336



56.9299, 57.0428, 26.0091

Sweetspot

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



41.1668, 57.0449, 89.7310



72.1680, 85.3416, 107.2767



31.4086, 61.5297, 12.4852



14.9561, 17.9375, 22.9240



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.



41.1668, 57.0449, 89.7310



46.9778, 65.0756, 104.6926



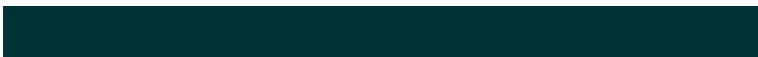
21.8257, 18.3626, 83.2839



16.1198, 17.6737, 20.2834



22.4693, 31.1627, 49.9586



1.9043, 2.6625, 4.1678

Inverse Universe

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



48.3952, 23.9886, 69.0996



55.8414, 27.1006, 78.8200



46.2253, 39.8260, 6.1723



16.3899, 16.0057, 19.6094



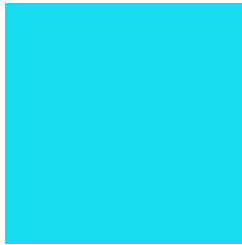
26.6671, 12.9393, 37.7589



2.2361, 1.0835, 3.2343

Previews

White Background



This preview shows how the XYZ color 41.1650, 57.0428, 89.7296 looks on a white background.

Color Contrast Check

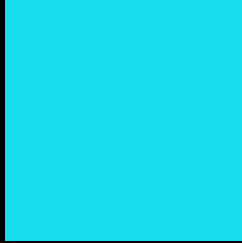
Large Text (above 18pt) WCAG AA × Fail

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 41.1650, 57.0428, 89.7296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

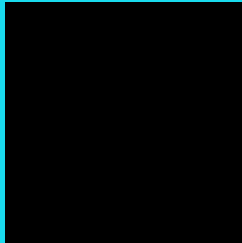
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1650, 57.0428, 89.7296

Background



This preview shows how black text looks on a background with the XYZ color 41.1650, 57.0428, 89.7296.



This preview shows how white text looks on a background with the XYZ color 41.1650, 57.0428,

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

41.1650, 57.0428, 89.7296

Protanopia

55.0515, 56.1450, 77.7476

Deuteranopia

57.3914, 56.0090, 93.3739



Tritanopia

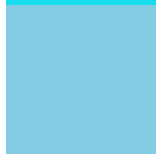
40.9709, 56.9596, 88.9557

Trichromacy



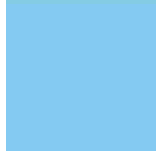
Original Color

41.1650, 57.0428, 89.7296



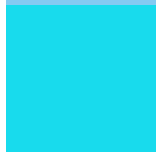
Protanomaly

45.1122, 53.6927, 81.3849



Deuteranomaly

46.6633, 53.5574, 91.8826



Tritanomaly

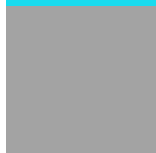
40.9943, 56.9717, 88.9568

Monochromacy



Original Color

41.1650, 57.0428, 89.7296



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

33.0378, 41.0954, 54.9061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1650, 57.0428, 89.7296 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(25, 219, 238)` looks like.

```
.text, #text, p{  
    color:rgb(25, 219, 238)  
}
```

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(25, 219, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 219, 238) }
```

Border

The CSS property to change the border of an element to XYZ 41.1650, 57.0428, 89.7296 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(25, 219, 238) }
```


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

```
.border{ border-color:rgb(25, 219, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 219, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 219, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 219, 238);  
box-shadow:4px 4px 4px 4px rgb(25, 219,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1650, 57.0428, 89.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 219, 238) }
```

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

```
.background{ background-color: rgb(25, 219,  
238) }
```

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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