

Converting Colors

XYZ(43.1251, 59.9827, 89.5417)

Have a look what the booklet for
XYZ(43.1251, 59.9827, 89.5417)
contains.

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Color

**XYZ(43.1606, 60.0541,
89.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	30E0ED
RGB	48, 224, 237
RGB Percent	19%, 88%, 93%
CMY	0.8117, 0.1216, 0.0706
CMYK	0.80, 0.05, 0.00, 0.07
HSL	184°, 84%, 56%
HSV	184°, 80%, 93%
XYZ	43.1606, 60.0541, 89.4376
YIQ	172.8580, -109.0690, -33.2690

Conversions

Conversions Part 2

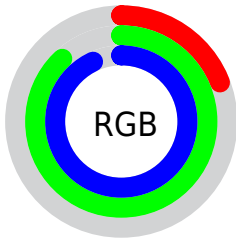
Format	Color
R_{YB}	48, 139, 237
Decimal	3203309
CIE _{Lab}	81.87, -37.53, -18.57
CIE _{LCh}	82, 41.871, 206.325
Yxy	60.0541, 0.2240, 0.3117
Android (android.graphics.Color)	4281393389 (0xFF30E0ED)
YUV	172.8580, 31.6220, -109.5005
Hunter-Lab	77.4946, -36.2000, -14.1812

Details

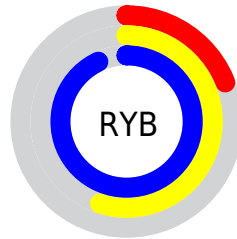
The XYZ color **43.1606, 60.0541, 89.4376** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **37.1289, 21.5573, 5.0021**, and the grayscale version is **39.5351, 41.5940, 45.2959**.

A 20% lighter version of the original color is **62.5624, 83.2520, 107.3796**, and **22.3431, 31.3415, 48.5880** is the 20% darker color. If you saturate the color by 10%, you get **41.8910, 58.7536, 89.2546**, and if you desaturate by 10%, it is **45.0344, 61.6748, 89.6528**.

Distribution



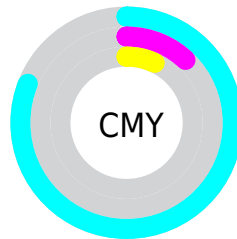
- Red (19%)
- Green (88%)
- Blue (93%)



- Red (19%)
- Yellow (55%)
- Blue (93%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (81%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1606, 60.0541, 89.4376 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 43.1606, 60.0541, 89.4376 by changing the saturation by 10% instead.

43.1606, 60.0541,
89.4376

43.1606, 60.0541,
89.4376

350.1821,
424.7972, 546.7225

30.2062, 43.4622,
66.9432

79.2074, 104.9081,
148.4856

20.1440, 30.2480,
48.5772

103.0304,
133.9391, 185.8764

12.6086, 20.0269,
33.9209

131.2071,
167.8853, 229.0696

7.2347, 12.4146,
22.5560

164.1028,
207.1309, 278.4839

3.6570, 7.0267,
14.0638

202.0828,
252.0606, 334.5378

1.5100, 3.4788,
8.0258

245.5124,

0.3326, 1.3865,

303.0586, 397.6498

4.0234

294.7571,
360.5093, 468.2386

■ 0.0000, 0.2068,
1.6382

■ 0.0000, 0.0000,
0.3179

■ 43.1606, 60.0541,
89.4376

■ 43.1606, 60.0541,
89.4376

■ 41.8910, 58.7536,
89.2546

■ 45.0344, 61.6748,
89.6528


■ 41.0826, 57.6958,
89.0930


■ 47.5901, 63.6521,
89.8998


■ 41.0638, 57.6695,
89.0890


■ 50.8998, 66.0244,
90.1832


■ 55.0249, 68.8232,
90.5060

 60.0206, 72.0772,
90.8708

 65.9369, 75.8121,
91.2799

 72.8205, 80.0520,
91.7355

 80.7146, 84.8192,
92.2396

 87.2974, 88.9168,
92.6835

Harmonies

Analogous

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



41.7425, 60.0541, 62.3177



43.1606, 60.0541, 89.4376



48.1643, 60.0541, 114.8388

Triad

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



43.1606, 60.0541, 89.4376



72.4247, 60.0541, 96.2638



58.1761, 60.0541, 27.8478

Complementary

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



43.1606, 60.0541, 89.4376



37.1289, 21.5573, 5.0021

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.



67.0323, 60.0541, 32.6691



43.1606, 60.0541, 89.4376



75.7770, 60.0541, 68.5589

Square

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



43.1606, 60.0541, 89.4376



64.9536, 60.0541, 119.4411



73.7092, 60.0541, 46.0906



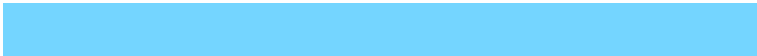
49.8692, 60.0541, 30.7436

Rectangle

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



43.1606, 60.0541, 89.4376



53.1548, 60.0541, 125.0066



73.7092, 60.0541, 46.0906



61.1930, 60.0541, 28.5786

Sweetspot

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



43.1625, 60.0563, 89.4391



74.6787, 87.5266, 107.5661



32.3363, 61.5308, 14.5330



15.4593, 18.4018, 22.9871



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.



43.1625, 60.0563, 89.4391



48.7996, 68.5298, 105.2633



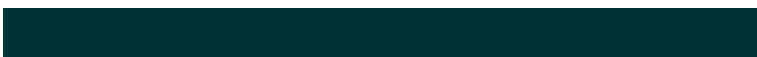
24.4766, 22.6845, 83.2104



15.4238, 16.9341, 19.3779



22.4588, 31.5646, 48.6518



1.7903, 2.5320, 3.8292

Inverse Universe

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



49.4381, 25.5020, 72.8400



56.8073, 27.6640, 83.3600



47.1987, 41.6969, 8.3587



15.6675, 15.2948, 18.8003



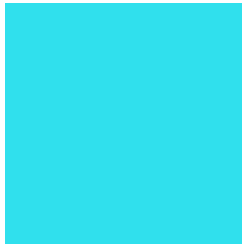
26.1915, 12.6793, 38.4052



2.0701, 1.0010, 3.0867

Previews

White Background



This preview shows how the XYZ color 43.1606, 60.0541, 89.4376 looks on a white background.

Color Contrast Check

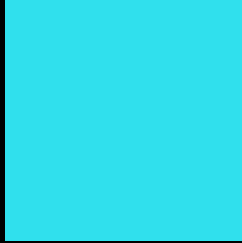
Large Text (above 18pt) WCAG AA × Fail

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 43.1606, 60.0541, 89.4376 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

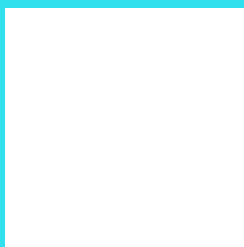
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1606, 60.0541, 89.4376

Background



This preview shows how black text looks on a background with the XYZ color 43.1606, 60.0541, 89.4376.



This preview shows how white text looks on a background with the XYZ color 43.1606, 60.0541,

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

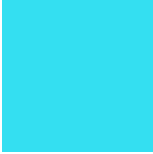
43.1606, 60.0541, 89.4376

Protanopia

57.3923, 58.7246, 77.4173

Deuteranopia

60.2313, 58.8211, 92.9731



Tritanopia

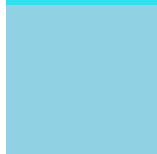
43.6810, 59.8563, 92.4703

Trichromacy



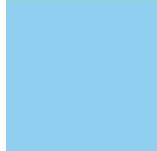
Original Color

43.1606, 60.0541, 89.4376



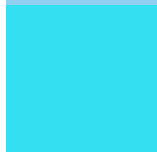
Protanomaly

48.1672, 57.0763, 81.1512



Deuteranomaly

49.8671, 56.9963, 91.5922



Tritanomaly

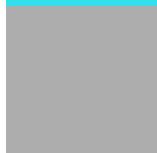
43.4811, 59.7704, 91.6832

Monochromacy



Original Color

43.1606, 60.0541, 89.4376



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

37.7155, 46.2740, 59.1685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1606, 60.0541, 89.4376 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(48, 224, 237)` looks like.

```
.text, #text, p{  
    color:rgb(48, 224, 237)  
}
```

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(48, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 224, 237) }
```

Border

The CSS property to change the border of an element to XYZ 43.1606, 60.0541, 89.4376 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(48, 224, 237) }
```


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

```
.border{ border-color:rgb(48, 224, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(48, 224,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1606, 60.0541, 89.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 224, 237) }
```

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

```
.background{ background-color: rgb(48, 224,  
237) }
```

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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