

Converting Colors

XYZ(17.0981, 21.5110, 39.3273)

Have a look what the booklet for
XYZ(17.0981, 21.5110, 39.3273)
contains.

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Color

**XYZ(17.0981, 21.5110,
39.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	2E8AA6
RGB	46, 138, 166
RGB Percent	18%, 54%, 65%
CMY	0.8196, 0.4588, 0.3490
CMYK	0.72, 0.17, 0.00, 0.35
HSL	194°, 57%, 42%
HSV	194°, 72%, 65%
XYZ	17.0981, 21.5110, 39.3273
YIQ	113.6840, -63.8200, -10.7960

Conversions

Conversions Part 2

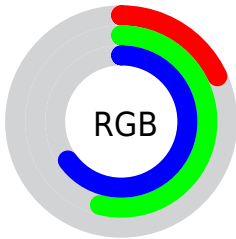
Format	Color
R_{YB}	46, 98, 166
Decimal	3050150
CIE _{Lab}	53.50, -17.33, -22.60
CIE _{LCh}	54, 28.480, 232.509
Yxy	21.5110, 0.2194, 0.2760
Android (android.graphics.Color)	4281240230 (0xFF2E8AA6)
YUV	113.6840, 25.7918, -59.3589
Hunter-Lab	46.3800, -15.3604, -17.8082

Details

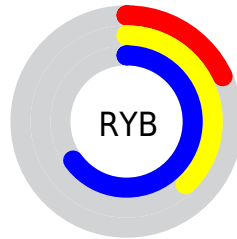
The XYZ color **17.0981, 21.5110, 39.3273** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **18.6685, 13.2027, 4.1499**, and the grayscale version is **15.8395, 16.6644, 18.1476**.

A 20% lighter version of the original color is **38.0851, 46.1079, 75.2990**, and **6.5270, 8.1944, 17.1572** is the 20% darker color. If you saturate the color by 10%, you get **15.9442, 20.1062, 39.1174**, and if you desaturate by 10%, it is **18.5624, 23.1060, 39.5584**.

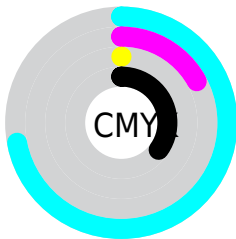
Distribution



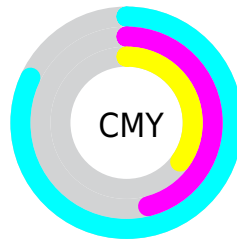
- Red (18%)
- Green (54%)
- Blue (65%)



- Red (18%)
- Yellow (38%)
- Blue (65%)



- Cyan (72%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (82%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0981, 21.5110, 39.3273 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 17.0981, 21.5110, 39.3273 by changing the saturation by 10% instead.

■ 17.0981, 21.5110,
39.3273

■ 17.0981, 21.5110,
39.3273

228.8823,
259.9818, 358.7475

■ 10.4002, 13.4980,
26.7047

■ 38.0366, 45.9364,
75.3639

■ 5.7294, 7.7724,
17.1211

■ 53.0080, 63.1177,
99.6149

■ 2.7203, 3.9496,
10.1580

■ 71.4678, 84.1239,
128.5792

■ 1.0077, 1.6454,
5.3969

■ 93.7815, 109.3393,
162.6752

■ 0.0000, 0.3879,
2.4192

■ 120.3145,
139.1484, 202.3215

■ 0.0000, 0.0000,
0.7968

151.4320,

■ 0.0000, 0.0000,

173.9356, 247.9366

0.0000

187.4995,
214.0853, 299.9391

■ 17.0981, 21.5110,
39.3273

■ 17.0981, 21.5110,
39.3273

■ 15.9442, 20.1062,
39.1174

■ 18.5624, 23.1060,
39.5584

■ 15.0628, 18.8706,
38.9253

■ 20.3649, 24.9048,
39.8106

■ 14.5070, 18.0011,
38.7868

■ 22.5327, 26.9219,
40.0857

■ 25.0895, 29.1698,
40.3848

■ 28.0568, 31.6599,
40.7091

■ 31.4546, 34.4028,
41.0594

■ 35.3015, 37.4083,
41.4368

■ 39.6148, 40.6858,
41.8421

■ 44.4113, 44.2441,
42.2761

Harmonies

Analogous

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



15.5181, 21.5110, 30.4141



17.0981, 21.5110, 39.3273



19.6948, 21.5110, 44.1860

Triad

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



17.0981, 21.5110, 39.3273



26.7886, 21.5110, 25.6669



18.2936, 21.5110, 11.1341

Complementary

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



17.0981, 21.5110, 39.3273



18.6685, 13.2027, 4.1499

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.



21.2152, 21.5110, 10.4601



17.0981, 21.5110, 39.3273



26.3191, 21.5110, 17.5929

Square

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



17.0981, 21.5110, 39.3273



25.4298, 21.5110, 35.1264



24.2037, 21.5110, 12.5134



16.1593, 21.5110, 14.6575

Rectangle

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



17.0981, 21.5110, 39.3273



21.7347, 21.5110, 43.7994



24.2037, 21.5110, 12.5134



19.2084, 21.5110, 10.6091

Sweetspot

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



17.0988, 21.5118, 39.3278



50.8488, 57.4005, 73.8747



15.9996, 28.3483, 11.1080



11.0509, 12.5738, 16.4967



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.0988, 21.5118, 39.3278



27.8712, 35.0373, 70.7692



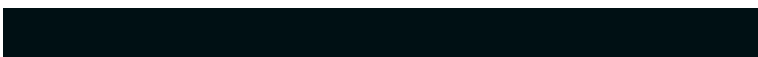
10.7348, 8.7837, 37.2065



7.5970, 8.2309, 9.6067



11.2861, 14.0324, 30.0892



0.3099, 0.4120, 0.7438

Inverse Universe

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



21.2909, 11.8966, 25.2197



36.4791, 18.5598, 41.0680



24.7448, 25.3553, 6.1753



7.7659, 7.6362, 9.0845



15.1973, 7.4876, 16.3824



0.3876, 0.1893, 0.4923

Previews

White Background



This preview shows how the XYZ color 17.0981, 21.5110, 39.3273 looks on a white background.

Color Contrast Check

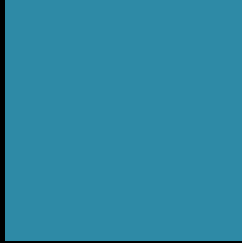
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0981, 21.5110, 39.3273 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 × Fail

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

XYZ 17.0981, 21.5110, 39.3273

Background



This preview shows how black text looks on a background with the XYZ color 17.0981, 21.5110, 39.3273.

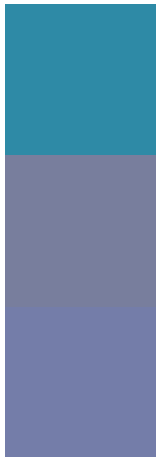


This preview shows how white text looks on a background with the XYZ color 17.0981, 21.5110,

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

17.0981, 21.5110, 39.3273

Protanopia

21.2924, 21.3491, 34.8968

Deuteranopia

21.6975, 21.2448, 40.4932



Tritanopia

15.7387, 21.3805, 33.0031

Trichromacy



Original Color

17.0981, 21.5110, 39.3273

Protanomaly

18.8420, 20.8305, 36.2853

Deuteranomaly

19.3649, 21.0166, 40.0818

Tritanomaly

16.1551, 21.3309, 35.1641

Monochromacy



Original Color

17.0981, 21.5110, 39.3273

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4364, 17.9832, 24.8478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0981, 21.5110, 39.3273 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(46, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(46, 138, 166)  
}
```

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(46, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 138, 166) }
```

Border

The CSS property to change the border of an element to XYZ 17.0981, 21.5110, 39.3273 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(46, 138, 166) }
```


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

```
.border{ border-color:rgb(46, 138, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(46, 138,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0981, 21.5110, 39.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 138, 166) }
```

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

```
.background{ background-color: rgb(46, 138,  
166) }
```

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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