

Converting Colors

XYZ(17.1798, 21.3569, 39.1731)

Have a look what the booklet for
XYZ(17.1798, 21.3569, 39.1731)
contains.

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Color

**XYZ(17.1938, 21.3483,
39.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	3389A6
RGB	51, 137, 166
RGB Percent	20%, 54%, 65%
CMY	0.8000, 0.4627, 0.3490
CMYK	0.69, 0.17, 0.00, 0.35
HSL	195°, 53%, 43%
HSV	195°, 69%, 65%
XYZ	17.1938, 21.3483, 39.2908
YIQ	114.5920, -60.5650, -9.2130

Conversions

Conversions Part 2

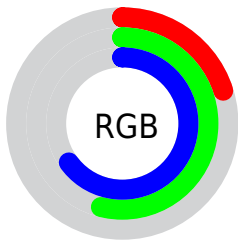
Format	Color
R_{YB}	51, 100, 166
Decimal	3377574
CIE _{Lab}	53.33, -16.05, -22.86
CIE _{LCh}	53, 27.929, 234.921
Yxy	21.3483, 0.2209, 0.2743
Android (android.graphics.Color)	4281567654 (0xFF3389A6)
YUV	114.5920, 25.3441, -55.7702
Hunter-Lab	46.2042, -14.4329, -18.0756

Details

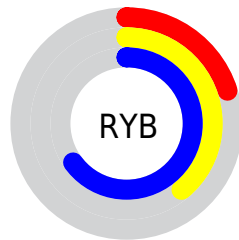
The XYZ color **17.1938, 21.3483, 39.2908** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **19.1928, 14.0842, 4.8396**, and the grayscale version is **16.1121, 16.9512, 18.4599**.

A 20% lighter version of the original color is **38.0201, 45.4269, 75.1710**, and **6.4455, 8.0313, 17.1301** is the 20% darker color. If you saturate the color by 10%, you get **15.9185, 19.8249, 39.0644**, and if you desaturate by 10%, it is **18.7922, 23.0733, 39.5399**.

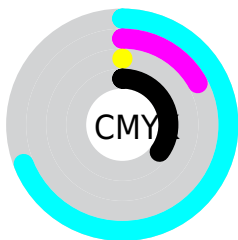
Distribution



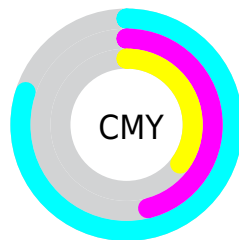
- Red (20%)
- Green (54%)
- Blue (65%)



- Red (20%)
- Yellow (39%)
- Blue (65%)



- Cyan (69%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1938, 21.3483, 39.2908 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 17.1938, 21.3483, 39.2908 by changing the saturation by 10% instead.

■ 17.1938, 21.3483,
39.2908

■ 17.1938, 21.3483,
39.2908

■ 229.4213,
259.1238, 358.5881

■ 10.4689, 13.3788,
26.6765

■ 38.1996, 45.6665,
75.3076

■ 5.7756, 7.6899,
17.1001

■ 53.2113, 62.7840,
99.5471

■ 2.7485, 3.8972,
10.1432

■ 71.7160, 83.7196,
128.4988

■ 1.0222, 1.6162,
5.3871

■ 94.0789, 108.8578,
162.5811

■ 0.0000, 0.3685,
2.4135

■ 120.6656,
138.5829, 202.2127

■ 0.0000, 0.0000,
0.7938

151.8413,

■ 0.0000, 0.0000,

173.2794, 247.8120

0.0000

187.9714,
213.3315, 299.7976

■ 17.1938, 21.3483,
39.2908

■ 17.1938, 21.3483,
39.2908

■ 15.9185, 19.8249,
39.0644

■ 18.7922, 23.0733,
39.5399

■ 14.9304, 18.4831,
38.8575

■ 20.7404, 25.0129,
39.8116

■ 14.1615, 17.2877,
38.6673

■ 23.0645, 27.1814,
40.1077

■ 14.1082, 17.2035,
38.6538

■ 25.7877, 29.5910,
40.4293

■ 28.9309, 32.2528,
40.7774

■ 32.5139, 35.1775,
41.1531

■ 36.5548, 38.3747,
41.5572

■ 41.0709, 41.8536,
41.9907

■ 46.0785, 45.6231,
42.4543

Harmonies

Analogous

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



15.5564, 21.3483, 30.8085



17.1938, 21.3483, 39.2908



19.7914, 21.3483, 43.5444

Triad

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



17.1938, 21.3483, 39.2908



26.5017, 21.3483, 24.7171



17.9868, 21.3483, 11.3782

Complementary

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



17.1938, 21.3483, 39.2908



19.1928, 14.0842, 4.8396

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.



20.7987, 21.3483, 10.4993



17.1938, 21.3483, 39.2908



25.9001, 21.3483, 17.0328

Square

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



17.1938, 21.3483, 39.2908



25.3119, 21.3483, 33.9222



23.7393, 21.3483, 12.2978



15.9821, 21.3483, 15.0819

Rectangle

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



17.1938, 21.3483, 39.2908



21.7914, 21.3483, 42.8108



23.7393, 21.3483, 12.2978



18.8610, 21.3483, 10.7877

Sweetspot

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



17.1945, 21.3491, 39.2913



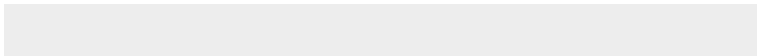
51.2335, 57.4735, 73.8685



16.4408, 28.5523, 12.1866



11.1200, 12.5710, 16.4925



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.



17.1945, 21.3491, 39.2913



27.8847, 34.6580, 70.6953



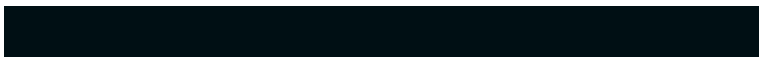
11.0993, 9.1587, 37.2596



7.5850, 8.2069, 9.6027



10.9786, 13.4175, 29.9867



0.3043, 0.4009, 0.7420

Inverse Universe

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



21.4257, 12.2815, 24.9090



36.5851, 18.9820, 40.4554



25.3053, 26.3092, 6.8771



7.7599, 7.6338, 9.0527



15.0421, 7.4256, 15.5651



0.3848, 0.1882, 0.4776

Previews

White Background



This preview shows how the XYZ color 17.1938, 21.3483, 39.2908 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 17.1938, 21.3483, 39.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

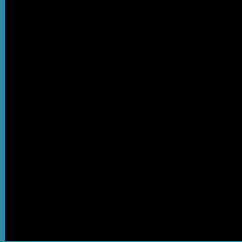
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1938, 21.3483, 39.2908

Background



This preview shows how black text looks on a background with the XYZ color 17.1938, 21.3483, 39.2908.

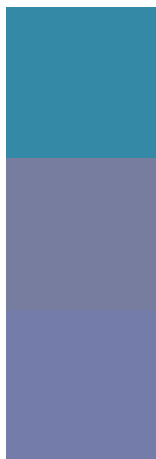


This preview shows how white text looks on a background with the XYZ color 17.1938, 21.3483,

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

17.1938, 21.3483, 39.2908

Protanopia

21.1129, 21.0578, 35.2995

Deuteranopia

21.6975, 21.2448, 40.4932



Tritanopia

15.8784, 21.4619, 32.5838

Trichromacy



Original Color

17.1938, 21.3483, 39.2908

Protanomaly

18.8994, 20.6534, 36.7086

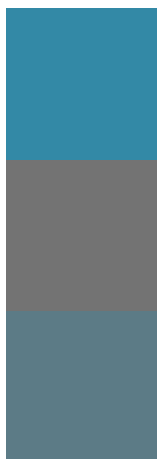
Deuteranomaly

19.3318, 20.8030, 40.0423

Tritanomaly

16.3156, 21.4234, 34.7277

Monochromacy



Original Color

17.1938, 21.3483, 39.2908

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.7997, 18.1625, 25.2272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1938, 21.3483, 39.2908 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(51, 137, 166)` looks like.

```
.text, #text, p{  
    color:rgb(51, 137, 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(51, 137, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 137, 166) }
```

Border

The CSS property to change the border of an element to XYZ 17.1938, 21.3483, 39.2908 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(51, 137, 166) }
```


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

```
.border{ border-color:rgb(51, 137, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 137, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 137, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 137, 166);  
box-shadow:4px 4px 4px 4px rgb(51, 137,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1938, 21.3483, 39.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 137, 166) }
```

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

```
.background{ background-color: rgb(51, 137,  
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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