

Converting Colors

XYZ(5.3683, 17.3230, 39.7520)

Have a look what the booklet for
XYZ(5.3683, 17.3230, 39.7520)
contains.

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Color

**XYZ(17.2539, 23.3478,
40.1564)**

Conversions

Conversions Part 1

Format	Color
Hex	0092A7
RGB	0, 146, 167
RGB Percent	0%, 57%, 65%
CMY	0.9999, 0.4274, 0.3451
CMYK	1.00, 0.13, 0.00, 0.35
HSL	188°, 100%, 33%
HSV	188°, 100%, 65%
XYZ	17.2539, 23.3478, 40.1564
YIQ	104.7400, -93.7570, -24.4210

Conversions

Conversions Part 2

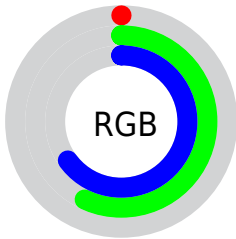
Format	Color
RYB	0, 78, 167
Decimal	37543
CIELab	55.43, -24.77, -20.27
CIELCh	55, 32.012, 219.294
Yxy	23.3478, 0.2136, 0.2891
Android (android.graphics.Color)	4278227623 (0xFF0092A7)
YUV	104.7400, 30.6942, -91.8570
Hunter-Lab	48.3196, -20.8206, -15.4498

Details

The XYZ color **17.2539, 23.3478, 40.1564** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.2053, 8.7529, 0.8361**, and the grayscale version is **13.2972, 13.9897, 15.2348**.

A 20% lighter version of the original color is **38.2527, 48.8578, 76.5216**, and **7.1867, 9.4222, 17.6595** is the 20% darker color. If you saturate the color by 10%, you get **17.2539, 23.3475, 40.1568**, and if you desaturate by 10%, it is **17.8074, 24.1186, 40.2765**.

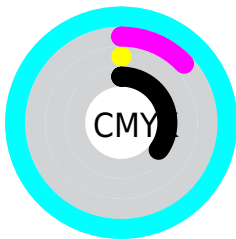
Distribution



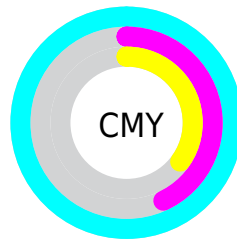
- Red (0%)
- Green (57%)
- Blue (65%)



- Red (0%)
- Yellow (31%)
- Blue (65%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2539, 23.3478, 40.1564 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 17.2539, 23.3478, 40.1564 by changing the saturation by 10% instead.

■ 17.2539, 23.3478,
40.1564

■ 17.2539, 23.3478,
40.1564

■ 229.7591,
269.5064, 362.3540

■ 10.5121, 14.8505,
27.3458

■ 38.3019, 48.9638,
76.6413

■ 5.8047, 8.7146,
17.5984

■ 53.3389, 66.8513,
101.1527

■ 2.7662, 4.5555,
10.4956

■ 71.8716, 88.6377,
130.4014

■ 1.0314, 1.9889,
5.6189

■ 94.2655, 114.7073,
164.8060

■ 0.0000, 0.6010,
2.5497

■ 120.8858,
145.4446, 204.7850

■ 0.0000, 0.0000,
0.8663

■ 152.0979,

■ 0.0000, 0.0000,

181.2339, 250.7570

0.0000

188.2673,
222.4597, 303.1405

■ 17.2539, 23.3478,
40.1564

■ 17.2539, 23.3478,
40.1564

■ 17.2539, 23.3475,
40.1568

■ 17.8074, 24.1186,
40.2765

■ 18.5547, 24.9978,
40.4068

■ 19.5742, 26.0262,
40.5516

■ 20.9002, 27.2216,
40.7124

■ 22.5621, 28.5992,
40.8907

■ 24.5857, 30.1723,
41.0877

■ 26.9944, 31.9531,
41.3045

■ 29.8095, 33.9524,
41.5420

■ 33.0507, 36.1807,
41.8013

Harmonies

Analogous

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



16.0372, 23.3478, 28.7596



17.2539, 23.3478, 40.1564



19.8328, 23.3478, 48.8395

Triad

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



17.2539, 23.3478, 40.1564



29.3164, 23.3478, 33.0950



21.0922, 23.3478, 10.4474

Complementary

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



17.2539, 23.3478, 40.1564



16.2053, 8.7529, 0.8361

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.



24.7299, 23.3478, 11.0216



17.2539, 23.3478, 40.1564



29.7474, 23.3478, 22.3528

Square

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



17.2539, 23.3478, 40.1564



26.8700, 23.3478, 44.0570



27.9910, 23.3478, 14.8205



18.0900, 23.3478, 12.9591

Rectangle

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



17.2539, 23.3478, 40.1564



22.1062, 23.3478, 50.8429



27.9910, 23.3478, 14.8205



22.2768, 23.3478, 10.3051

Sweetspot

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



17.2547, 23.3486, 40.1570



48.0851, 57.0371, 73.9502



13.9411, 27.6867, 5.2483



10.3536, 12.4661, 16.5126



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.



17.2547, 23.3486, 40.1570



30.7954, 41.6038, 71.8825



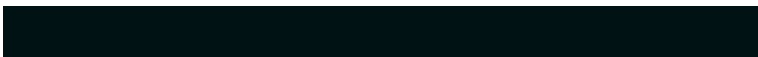
8.8107, 6.4607, 37.3423



7.6659, 8.3687, 9.6296



13.2272, 17.9147, 30.7362



0.3435, 0.4792, 0.7550

Inverse Universe

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



21.1253, 10.2915, 28.0680



37.7798, 18.4089, 49.9864



20.7863, 17.9149, 2.3631



7.8007, 7.6501, 9.2677



16.1771, 7.8796, 21.5419



0.4045, 0.1961, 0.5817

Previews

White Background



This preview shows how the XYZ color 17.2539, 23.3478, 40.1564 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 17.2539, 23.3478, 40.1564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

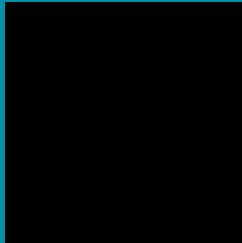
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2539, 23.3478, 40.1564

Background



This preview shows how black text looks on a background with the XYZ color 17.2539, 23.3478, 40.1564.



This preview shows how white text looks on a background with the XYZ color 17.2539, 23.3478,

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

17.2539, 23.3478, 40.1564

Protanopia

22.9545, 23.1789, 35.1624

Deuteranopia

23.6455, 23.1906, 41.7581



Tritanopia

16.6917, 23.3706, 36.4321

Trichromacy



Original Color

17.2539, 23.3478, 40.1564

Protanomaly

18.6305, 21.9309, 36.9694

Deuteranomaly

19.2843, 22.1729, 41.2936

Tritanomaly

16.9553, 23.4761, 37.8201

Monochromacy



Original Color

17.2539, 23.3478, 40.1564

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.9275, 16.1847, 22.8647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2539, 23.3478, 40.1564 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(0, 146, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 167)  
}
```

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(0, 146, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 167) }
```

Border

The CSS property to change the border of an element to XYZ 17.2539, 23.3478, 40.1564 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(0, 146, 167) }
```


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

```
.border{ border-color:rgb(0, 146, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2539, 23.3478, 40.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 167) }
```

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

```
.background{ background-color: rgb(0, 146,  
167) }
```

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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