

Converting Colors

XYZ(15.3875, 23.2222, 23.2751)

Have a look what the booklet for
XYZ(15.3875, 23.2222, 23.2751)
contains.

XYZ(15.3945, 23.2216, 23.4095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.3945, 23.2216,
23.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	2C947E
RGB	44, 148, 126
RGB Percent	17%, 58%, 49%
CMY	0.8274, 0.4196, 0.5059
CMYK	0.70, 0.00, 0.15, 0.42
HSL	167°, 54%, 38%
HSV	167°, 70%, 58%
XYZ	15.3945, 23.2216, 23.4095
YIQ	114.3960, -54.9220, -28.8900

Conversions

Conversions Part 2

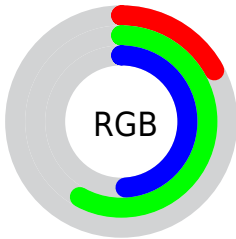
Format	Color
RYB	44, 102, 148
Decimal	2921598
CIELab	55.30, -34.78, 3.12
CIElCh	55, 34.917, 174.879
Yxy	23.2216, 0.2482, 0.3744
Android (android.graphics.Color)	4281111678 (0xFF2C947E)
YUV	114.3960, 5.7208, -61.7373
Hunter-Lab	48.1888, -27.3064, 4.9298

Details

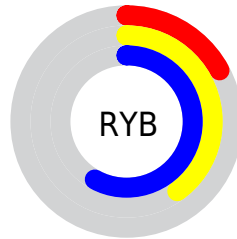
The XYZ color **15.3945, 23.2216, 23.4095** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.0976, 8.4913, 6.0511**, and the grayscale version is **16.1091, 16.9480, 18.4564**.

A 20% lighter version of the original color is **35.2015, 48.9096, 50.2330**, and **5.5224, 8.9016, 8.4483** is the 20% darker color. If you saturate the color by 10%, you get **14.6698, 22.8715, 22.3378**, and if you desaturate by 10%, it is **16.3536, 23.6929, 24.5263**.

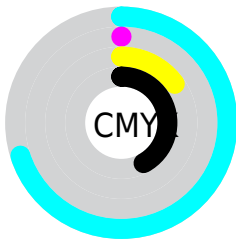
Distribution



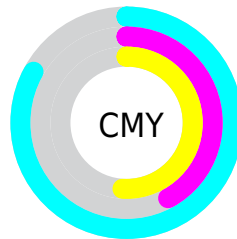
- Red (17%)
- Green (58%)
- Blue (49%)



- Red (17%)
- Yellow (40%)
- Blue (58%)



- Cyan (70%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)





- Cyan (83%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3945, 23.2216, 23.4095 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 15.3945, 23.2216, 23.4095 by changing the saturation by 10% instead.


 15.3945, 23.2216,
23.4095


 15.3945, 23.2216,
23.4095

219.0831,
268.8611, 283.0111


 9.1848, 14.7572,
14.6880


 35.1098, 48.7569,
49.9965


 4.9200, 8.6492,
8.4566


 49.3461, 66.5967,
68.6992


 2.2347, 4.5131,
4.2965

 66.9887, 88.3303,
91.5660

 0.7609, 1.9645,
1.7894

 88.4029, 114.3423,
119.0155

 0.0000, 0.5867,
0.4209

 113.9541,
145.0170, 151.4662

 0.0000, 0.0000,
0.0000

 144.0076,

180.7387, 189.3367

178.9288,
221.8920, 233.0455

■ 15.3945, 23.2216,
23.4095

■ 15.3945, 23.2216,
23.4095

■ 14.6698, 22.8715,
22.3378

■ 16.3536, 23.6929,
24.5263

■ 14.1521, 22.6269,
21.3079

■ 17.5669, 24.2939,
25.6877

■ 13.7831, 22.4576,
20.3431

■ 19.0543, 25.0355,
26.8956

■ 20.8330, 25.9265,
28.1510

■ 22.9190, 26.9752,
29.4549

■ 25.3270, 28.1891,
30.8084

■ 28.0708, 29.5753,
32.2123

■ 31.1633, 31.1406,
33.6675

■ 34.6167, 32.8911,
35.1749

Harmonies

Analogous

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



16.4723, 23.2216, 14.8045



15.3945, 23.2216, 23.4095



15.9259, 23.2216, 35.4745

Triad

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



15.3945, 23.2216, 23.4095



25.3900, 23.2216, 50.2990



26.6885, 23.2216, 11.4390

Complementary

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



15.3945, 23.2216, 23.4095



14.0976, 8.4913, 6.0511

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.



29.6238, 23.2216, 17.2604



15.3945, 23.2216, 23.4095



28.8142, 23.2216, 39.8152

Square

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



15.3945, 23.2216, 23.4095



21.4067, 23.2216, 53.3866



30.4442, 23.2216, 27.2568



22.7498, 23.2216, 9.3237

Rectangle

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



15.3945, 23.2216, 23.4095



17.1583, 23.2216, 43.7370



30.4442, 23.2216, 27.2568



27.8428, 23.2216, 12.9253

Sweetspot

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



15.3952, 23.2225, 23.4100



39.9857, 47.3671, 51.7006



13.3281, 22.5394, 6.0314



8.9105, 10.7035, 11.6701



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.3952, 23.2225, 23.4100



25.3468, 40.0992, 38.4205



12.9262, 15.7573, 30.3781



5.9121, 6.5414, 7.1481



11.7827, 19.1859, 17.4289



0.1548, 0.2390, 0.2689

Inverse Universe

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



14.0976, 8.4913, 6.0511



22.9706, 12.4449, 6.1298



15.0815, 11.3052, 3.7706



5.8480, 5.8343, 6.3059



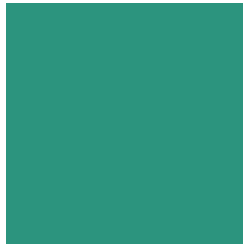
10.6551, 5.4671, 1.6646



0.1395, 0.0705, 0.0682

Previews

White Background



This preview shows how the XYZ color 15.3945, 23.2216, 23.4095 looks on a white background.

Color Contrast Check

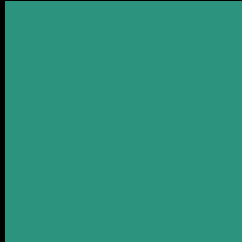
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3945, 23.2216, 23.4095 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 15.3945, 23.2216, 23.4095

Background



This preview shows how black text looks on a background with the XYZ color 15.3945, 23.2216, 23.4095.

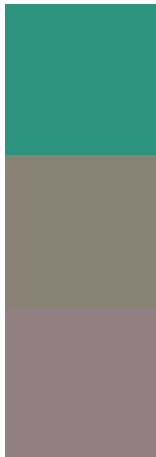


This preview shows how white text looks on a background with the XYZ color 15.3945, 23.2216,

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

15.3945, 23.2216, 23.4095

Protanopia

21.6437, 22.8353, 20.0965

Deuteranopia

23.2957, 22.8102, 24.2941



Tritanopia

17.7776, 23.2766, 35.0083

Trichromacy



Original Color

15.3945, 23.2216, 23.4095

Protanomaly

17.9293, 22.1310, 21.0960

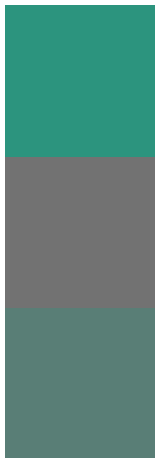
Deuteranomaly

18.8108, 22.1011, 24.0434

Tritanomaly

16.7576, 23.0794, 30.3596

Monochromacy



Original Color

15.3945, 23.2216, 23.4095

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.8507, 18.3536, 19.8994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3945, 23.2216, 23.4095 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(44, 148, 126)` looks like.

```
.text, #text, p{  
  color:rgb(44, 148, 126)  
}
```

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(44, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 148, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.3945, 23.2216, 23.4095 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(44, 148, 126) }
```


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

```
.border{ border-color:rgb(44, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(44, 148,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3945, 23.2216, 23.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 148, 126) }
```

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

```
.background{ background-color: rgb(44, 148,  
126) }
```

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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