

Converting Colors

XYZ(7.3960, 23.0525, 35.0165)

Have a look what the booklet for
XYZ(7.3960, 23.0525, 35.0165)
contains.

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Color

**XYZ(19.3715, 29.2768,
35.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	00A59B
RGB	0, 165, 155
RGB Percent	0%, 65%, 61%
CMY	0.9999, 0.3529, 0.3922
CMYK	1.00, 0.00, 0.06, 0.35
HSL	176°, 100%, 32%
HSV	176°, 100%, 65%
XYZ	19.3715, 29.2768, 35.6404
YIQ	114.5250, -95.1300, -38.0900

Conversions

Conversions Part 2

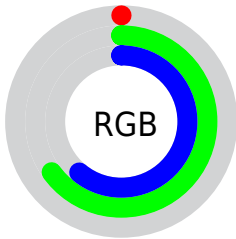
Format	Color
RYB	0, 85, 165
Decimal	42395
CIELab	61.03, -37.76, -5.03
CIELCh	61, 38.092, 187.592
Yxy	29.2768, 0.2298, 0.3473
Android (android.graphics.Color)	4278232475 (0xFF00A59B)
YUV	114.5250, 19.9542, -100.4384
Hunter-Lab	54.1080, -30.7834, -1.1781

Details

The XYZ color **19.3715, 29.2768, 35.6404** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **15.5727, 8.0221, 1.0155**, and the grayscale version is **16.1167, 16.9560, 18.4651**.

A 20% lighter version of the original color is **41.8793, 58.6435, 69.4337**, and **8.2929, 12.5878, 15.0893** is the 20% darker color. If you saturate the color by 10%, you get **19.3720, 29.2777, 35.6405**, and if you desaturate by 10%, it is **19.6792, 29.4263, 36.0958**.

Distribution



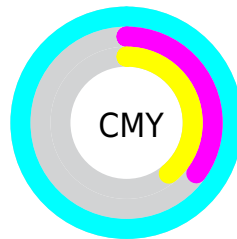
- Red (0%)
- Green (65%)
- Blue (61%)



- Red (0%)
- Yellow (33%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3715, 29.2768, 35.6404 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 19.3715, 29.2768, 35.6404 by changing the saturation by 10% instead.

■ 19.3715, 29.2768,
35.6404

■ 19.3715, 29.2768,
35.6404

■ 241.3910,
298.5187, 342.3758

■ 12.0446, 19.2903,
23.8691

■ 41.8729, 58.5166,
69.6395

■ 6.8465, 11.8802,
15.0253

■ 57.7782, 78.5387,
92.7043

■ 3.4118, 6.6622,
8.6903

■ 77.2737, 102.6747,
120.3707

■ 1.3751, 3.2517,
4.4457

■ 100.7246,
131.3092, 153.0573

■ 0.2384, 1.2645,
1.8729

■ 128.4965,
164.8264, 191.1826

■ 0.0000, 0.1135,
0.4754

■ 160.9546,

■ 0.0000, 0.0000,

203.6108, 235.1650

0.0000

198.4643,
248.0468, 285.4233

■ 19.3715, 29.2768,
35.6404

■ 19.3715, 29.2768,
35.6404

■ 19.3720, 29.2777,
35.6405

■ 19.6792, 29.4263,
36.0958

■ 20.1695, 29.6692,
36.5628

■ 20.9193, 30.0459,
37.0456

■ 21.9621, 30.5735,
37.5457

■ 23.3264, 31.2667,
38.0645

■ 25.0371, 32.1385,
38.6033

■ 27.1168, 33.2004,
39.1630

■ 29.5863, 34.4631,
39.7446

■ 32.4646, 35.9366,
40.3490

Harmonies

Analogous

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



19.8780, 29.2768, 22.5224



19.3715, 29.2768, 35.6404



20.9064, 29.2768, 51.7097

Triad

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



19.3715, 29.2768, 35.6404



34.0880, 29.2768, 58.9272



31.6399, 29.2768, 12.6484

Complementary

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



19.3715, 29.2768, 35.6404



15.5727, 8.0221, 1.0155

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.



36.1270, 29.2768, 17.9012



19.3715, 29.2768, 35.6404



37.6539, 29.2768, 43.5192

Square

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



19.3715, 29.2768, 35.6404



29.1114, 29.2768, 67.5310



38.4414, 29.2768, 28.3892



26.5804, 29.2768, 11.6853

Rectangle

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



19.3715, 29.2768, 35.6404



23.0026, 29.2768, 61.0964



38.4414, 29.2768, 28.3892



33.2822, 29.2768, 13.8745

Sweetspot

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



19.3724, 29.2779, 35.6411



48.3347, 59.3411, 70.0784



13.5940, 26.9825, 4.4923



10.2278, 12.7999, 15.2323



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.3724, 29.2779, 35.6411



34.6652, 52.4216, 63.6825



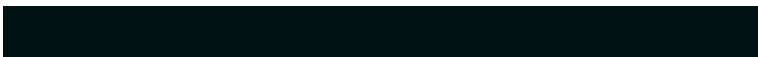
10.7514, 10.6356, 37.0847



7.2575, 8.0038, 8.9677



14.6613, 22.1509, 26.9967



0.3133, 0.4675, 0.5946

Inverse Universe

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



15.5727, 8.0221, 1.0155



27.8625, 14.3553, 1.6826



17.8037, 12.5718, 1.4889



7.0904, 7.0926, 7.4623



11.7871, 6.0709, 0.8036



0.2526, 0.1295, 0.0428

Previews

White Background



This preview shows how the XYZ color 19.3715, 29.2768, 35.6404 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 19.3715, 29.2768, 35.6404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

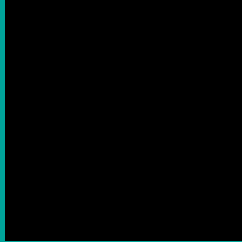
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3715, 29.2768, 35.6404

Background



This preview shows how black text looks on a background with the XYZ color 19.3715, 29.2768, 35.6404.



This preview shows how white text looks on a background with the XYZ color 19.3715, 29.2768,

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

19.3715, 29.2768, 35.6404

Protanopia

27.8906, 29.0554, 30.5238

Deuteranopia

29.3446, 28.7541, 37.2612



Tritanopia

21.4575, 29.3479, 45.0912

Trichromacy



Original Color

19.3715, 29.2768, 35.6404

Protanomaly

21.4558, 27.3535, 32.1659

Deuteranomaly

22.1149, 26.8780, 36.3701

Tritanomaly

20.5418, 29.2157, 41.6023

Monochromacy



Original Color

19.3715, 29.2768, 35.6404

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.1644, 19.8032, 24.1422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3715, 29.2768, 35.6404 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, 165, 155)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 155)  
}
```

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, 165, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 155) }
```

Border

The CSS property to change the border of an element to XYZ 19.3715, 29.2768, 35.6404 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, 165, 155) }
```


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

```
.border{ border-color:rgb(0, 165, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 155);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3715, 29.2768, 35.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 155) }
```

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

```
.background{ background-color: rgb(0, 165,  
155) }
```

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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