

Converting Colors

XYZ(15.5513, 19.5328, 36.2083)

Have a look what the booklet for
XYZ(15.5513, 19.5328, 36.2083)
contains.

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Color

**XYZ(15.5513, 19.5328,
36.2083)**

Conversions

Conversions Part 1

Format	Color
Hex	2A84A0
RGB	42, 132, 160
RGB Percent	16%, 52%, 63%
CMY	0.8353, 0.4823, 0.3725
CMYK	0.74, 0.17, 0.00, 0.37
HSL	194°, 58%, 40%
HSV	194°, 74%, 63%
XYZ	15.5513, 19.5328, 36.2083
YIQ	108.2820, -62.6280, -10.3720

Conversions

Conversions Part 2

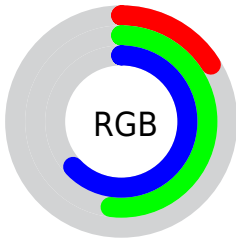
Format	Color
R_{YB}	42, 93, 160
Decimal	2786464
CIE _{Lab}	51.30, -16.64, -22.52
CIE _{LCh}	51, 27.998, 233.547
Yxy	19.5328, 0.2181, 0.2740
Android (android.graphics.Color)	4280976544 (0xFF2A84A0)
YUV	108.2820, 25.4970, -58.1293
Hunter-Lab	44.1959, -14.5338, -17.6372

Details

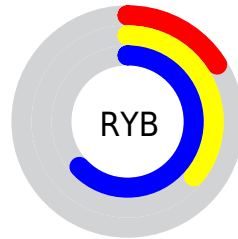
The XYZ color **15.5513, 19.5328, 36.2083** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **17.1062, 12.0223, 3.6103**, and the grayscale version is **14.2772, 15.0207, 16.3576**.

A 20% lighter version of the original color is **35.3236, 42.5473, 70.6407**, and **5.7241, 7.1173, 15.2594** is the 20% darker color. If you saturate the color by 10%, you get **14.5174, 18.2497, 36.0155**, and if you desaturate by 10%, it is **16.8665, 20.9895, 36.4205**.

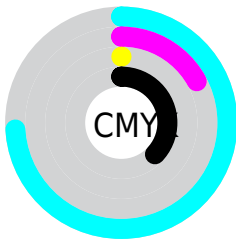
Distribution



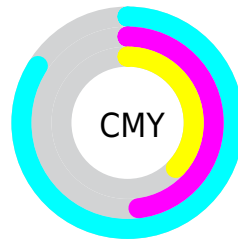
- Red (16%)
- Green (52%)
- Blue (63%)



- Red (16%)
- Yellow (36%)
- Blue (63%)



- Cyan (74%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)



- Cyan (84%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5513, 19.5328, 36.2083 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 15.5513, 19.5328, 36.2083 by changing the saturation by 10% instead.

■ 15.5513, 19.5328,
36.2083

■ 15.5513, 19.5328,
36.2083

■ 220.0021,
249.3745, 344.9350

■ 9.2960, 12.0559,
24.3041

■ 35.3812, 42.6325,
70.5261

■ 4.9934, 6.7818,
15.3451

■ 49.6866, 59.0241,
93.7768

■ 2.2781, 3.3260,
8.9126

■ 67.4061, 79.1560,
121.6469

■ 0.7834, 1.3042,
4.5882

■ 88.9050, 103.4126,
154.5547

■ 0.0000, 0.1445,
1.9533

■ 114.5487,
132.1784, 192.9189

■ 0.0000, 0.0000,
0.5263

■ 144.7025,

■ 0.0000, 0.0000,

165.8377, 237.1580

0.0000

179.7319,
204.7750, 287.6905

■ 15.5513, 19.5328,
36.2083

■ 15.5513, 19.5328,
36.2083

■ 14.5174, 18.2497,
36.0155

■ 16.8665, 20.9895,
36.4205

■ 13.7294, 17.1205,
35.8391

■ 18.4891, 22.6324,
36.6521

■ 13.3088, 16.4652,
35.7348

■ 20.4440, 24.4751,
36.9048

■ 22.7534, 26.5291,
37.1795

■ 25.4370, 28.8050,
37.4774

■ 28.5133, 31.3126,
37.7992

■ 31.9995, 34.0609,
38.1460

■ 35.9117, 37.0586,
38.5184

■ 40.2651, 40.3138,
38.9173

Harmonies

Analogous

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



14.0609, 19.5328, 28.0297



15.5513, 19.5328, 36.2083



17.9678, 19.5328, 40.5245

Triad

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



15.5513, 19.5328, 36.2083



24.4350, 19.5328, 23.0452



16.4997, 19.5328, 10.0470

Complementary

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



15.5513, 19.5328, 36.2083



17.1062, 12.0223, 3.6103

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.



19.1760, 19.5328, 9.3456



15.5513, 19.5328, 36.2083



23.9417, 19.5328, 15.6917

Square

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



15.5513, 19.5328, 36.2083



23.2331, 19.5328, 31.7881



21.9456, 19.5328, 11.1333



14.5688, 19.5328, 13.3700

Rectangle

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



15.5513, 19.5328, 36.2083



19.8531, 19.5328, 40.0182



21.9456, 19.5328, 11.1333



17.3345, 19.5328, 9.5381

Sweetspot

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



15.5520, 19.5335, 36.2088



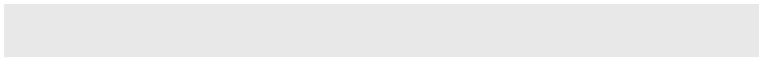
46.8815, 52.8775, 68.1220



14.6172, 26.0708, 9.9804



9.9940, 11.3578, 14.9092



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.5520, 19.5335, 36.2088



25.4579, 31.8837, 65.1989



9.7143, 7.8581, 34.2629



6.6884, 7.2425, 8.4521



10.4022, 12.8960, 27.8482



0.2159, 0.2903, 0.5079

Inverse Universe

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



19.4906, 10.7963, 22.8870



33.5036, 17.0016, 37.3211



22.7048, 23.2196, 5.4765



6.8368, 6.7276, 7.9917



14.0488, 6.9241, 15.0397



0.2663, 0.1298, 0.3483

Previews

White Background



This preview shows how the XYZ color 15.5513, 19.5328, 36.2083 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 15.5513, 19.5328, 36.2083 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 15.5513, 19.5328, 36.2083

Background



This preview shows how black text looks on a background with the XYZ color 15.5513, 19.5328, 36.2083.

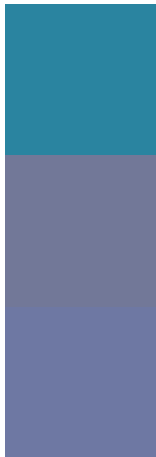


This preview shows how white text looks on a background with the XYZ color 15.5513, 19.5328,

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

15.5513, 19.5328, 36.2083

Protanopia

19.3234, 19.2773, 32.4082

Deuteranopia

19.7577, 19.3923, 37.3521



Tritanopia

14.3102, 19.6483, 29.8263

Trichromacy



Original Color

15.5513, 19.5328, 36.2083

Protanomaly

17.1485, 18.8566, 33.7462

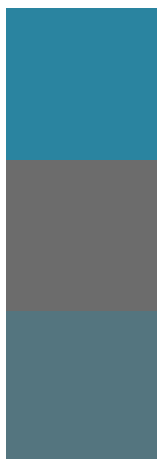
Deuteranomaly

17.4756, 18.9552, 36.9201

Tritanomaly

14.6898, 19.5923, 31.8616

Monochromacy



Original Color

15.5513, 19.5328, 36.2083

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.8482, 16.1397, 22.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5513, 19.5328, 36.2083 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(42, 132, 160)` looks like.

```
.text, #text, p{  
    color:rgb(42, 132, 160)  
}
```

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(42, 132, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 132, 160) }
```

Border

The CSS property to change the border of an element to XYZ 15.5513, 19.5328, 36.2083 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(42, 132, 160) }
```


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

```
.border{ border-color:rgb(42, 132, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 132, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 132, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 132, 160);  
box-shadow:4px 4px 4px 4px rgb(42, 132,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5513, 19.5328, 36.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 132, 160) }
```

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

```
.background{ background-color: rgb(42, 132,  
160) }
```

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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