

Converting Colors

XYZ(15.6496, 21.4947, 28.2271)

Have a look what the booklet for
XYZ(15.6496, 21.4947, 28.2271)
contains.

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Color

**XYZ(15.5799, 21.4065,
28.1217)**

Conversions

Conversions Part 1

Format	Color
Hex	358C8C
RGB	53, 140, 140
RGB Percent	21%, 55%, 55%
CMY	0.7921, 0.4510, 0.4510
CMYK	0.62, 0.00, 0.00, 0.45
HSL	180°, 45%, 38%
HSV	180°, 62%, 55%
XYZ	15.5799, 21.4065, 28.1217
YIQ	113.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

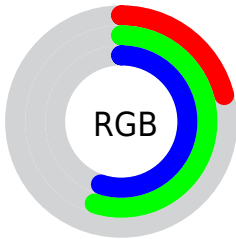
Format	Color
RYB	53, 97, 140
Decimal	3509388
CIELab	53.39, -25.46, -7.73
CIElCh	53, 26.608, 196.880
Yxy	21.4065, 0.2393, 0.3288
Android (android.graphics.Color)	4281699468 (0xFF358C8C)
YUV	113.9870, 12.8244, -53.4856
Hunter-Lab	46.2672, -20.8598, -3.6501

Details

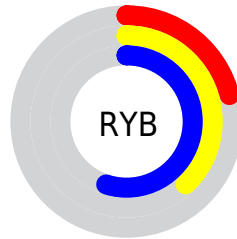
The XYZ color **15.5799, 21.4065, 28.1217** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.7316, 8.3793, 4.3152**, and the grayscale version is **15.9649, 16.7963, 18.2911**.

A 20% lighter version of the original color is **35.3478, 45.7488, 57.4195**, and **5.4178, 7.8829, 10.9089** is the 20% darker color. If you saturate the color by 10%, you get **14.9490, 21.0817, 28.0926**, and if you desaturate by 10%, it is **16.4272, 21.8438, 28.1619**.

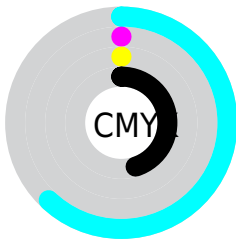
Distribution



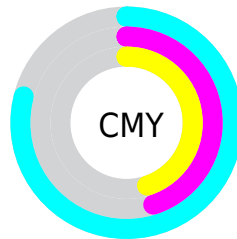
- Red (21%)
- Green (55%)
- Blue (55%)



- Red (21%)
- Yellow (38%)
- Blue (55%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



- Cyan (79%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5799, 21.4065, 28.1217 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 15.5799, 21.4065, 28.1217 by changing the saturation by 10% instead.

■ 15.5799, 21.4065,
28.1217

■ 15.5799, 21.4065,
28.1217

220.1693,
259.4310, 306.9782

■ 9.3163, 13.4215,
18.1776

■ 35.4307, 45.7631,
57.7041

■ 5.0068, 7.7194,
10.9068

■ 49.7487, 62.9034,
78.1795

■ 2.2861, 3.9159,
5.8908

■ 67.4821, 83.8643,
103.0024

■ 0.7875, 1.6266,
2.7111

■ 88.9964, 109.0302,
132.5913

■ 0.0000, 0.3755,
0.9490

■ 114.6569,
138.7854, 167.3648

■ 0.0000, 0.0000,
0.0000

144.8290,

173.5143, 207.7414

179.8780,
213.6014, 254.1397

■ 15.5799, 21.4065,
28.1217

■ 15.5799, 21.4065,
28.1217

■ 14.9490, 21.0817,
28.0926

■ 16.4272, 21.8438,
28.1619

■ 14.5131, 20.8570,
28.0721

■ 17.5059, 22.3999,
28.2125

■ 14.2501, 20.7215,
28.0597

■ 18.8320, 23.0835,
28.2746

■ 14.1121, 20.6503,
28.0532

■ 20.4195, 23.9019,
28.3490

■ 22.2813, 24.8617,
28.4362

■ 24.4297, 25.9692,
28.5368

■ 26.8758, 27.2302,
28.6513

■ 29.6305, 28.6503,
28.7803

■ 32.7041, 30.2348,
28.9242

Harmonies

Analogous

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



15.5028, 21.4065, 19.9533



15.5799, 21.4065, 28.1217



16.8558, 21.4065, 36.6019

Triad

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



15.5799, 21.4065, 28.1217



24.5728, 21.4065, 35.6355



21.6038, 21.4065, 11.2062

Complementary

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



15.5799, 21.4065, 28.1217



12.7316, 8.3793, 4.3152

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.



24.2881, 21.4065, 13.6997



15.5799, 21.4065, 28.1217



26.1060, 21.4065, 27.0191

Square

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



15.5799, 21.4065, 28.1217



21.9641, 21.4065, 41.5811



25.9972, 21.4065, 19.0776



18.8098, 21.4065, 11.3691

Rectangle

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



15.5799, 21.4065, 28.1217



18.2877, 21.4065, 40.7353



25.9972, 21.4065, 19.0776



22.5537, 21.4065, 11.7316

Sweetspot

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



15.5805, 21.4073, 28.1222



36.8497, 42.5771, 50.0187



11.5669, 19.8108, 6.5829



8.3084, 9.7166, 11.5170



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.5805, 21.4073, 28.1222



25.9732, 36.9701, 49.5090



10.5655, 11.3771, 26.4510



5.1728, 5.6886, 6.4312



12.5388, 18.3481, 24.9257



0.0833, 0.1219, 0.1656

Inverse Universe

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



12.7316, 8.3793, 4.3152



20.4950, 11.9182, 3.7296



15.5553, 14.0268, 5.2563



5.0329, 5.0486, 5.2616



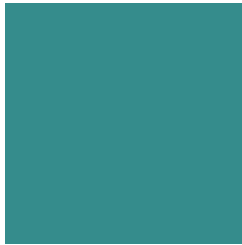
9.6098, 4.9541, 0.4498



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 15.5799, 21.4065, 28.1217 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 15.5799, 21.4065, 28.1217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

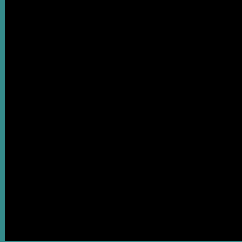
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.5799, 21.4065, 28.1217

Background



This preview shows how black text looks on a background with the XYZ color 15.5799, 21.4065, 28.1217.

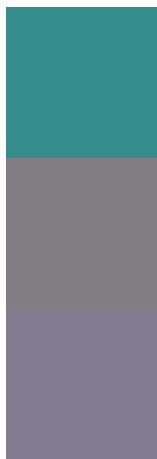


This preview shows how white text looks on a background with the XYZ color 15.5799, 21.4065,

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

15.5799, 21.4065, 28.1217

Protanopia

20.4597, 21.1496, 24.4767

Deuteranopia

21.6018, 21.2542, 29.3495



Tritanopia

16.4826, 21.5668, 32.1482

Trichromacy



Original Color

15.5799, 21.4065, 28.1217

Protanomaly

17.7862, 20.7205, 25.6163

Deuteranomaly

18.5341, 20.8320, 29.0307

Tritanomaly

16.0518, 21.3813, 30.4751

Monochromacy



Original Color

15.5799, 21.4065, 28.1217

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.0717, 17.8713, 21.3940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5799, 21.4065, 28.1217 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(53, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(53, 140, 140)  
}
```

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(53, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 15.5799, 21.4065, 28.1217 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(53, 140, 140) }
```


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

```
.border{ border-color:rgb(53, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(53, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5799, 21.4065, 28.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 140, 140) }
```

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

```
.background{ background-color: rgb(53, 140,  
140) }
```

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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