

Converting Colors

XYZ(21.0838, 25.9296, 44.4511)

Have a look what the booklet for
XYZ(21.0838, 25.9296, 44.4511)
contains.

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Color

**XYZ(21.0838, 25.9296,
44.4511)**

Conversions

Conversions Part 1

Format	Color
Hex	4795AF
RGB	71, 149, 175
RGB Percent	28%, 58%, 69%
CMY	0.7215, 0.4157, 0.3137
CMYK	0.59, 0.15, 0.00, 0.31
HSL	195°, 42%, 48%
HSV	195°, 59%, 69%
XYZ	21.0838, 25.9296, 44.4511
YIQ	128.6420, -54.8340, -8.4500

Conversions

Conversions Part 2

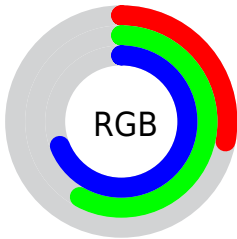
Format	Color
RYB	71, 116, 175
Decimal	4691375
CIELab	57.97, -16.16, -20.83
CIELCh	58, 26.368, 232.192
Yxy	25.9296, 0.2305, 0.2835
Android (android.graphics.Color)	4282881455 (0xFF4795AF)
YUV	128.6420, 22.8545, -50.5520
Hunter-Lab	50.9211, -15.2043, -16.1119

Details

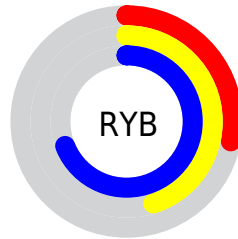
The XYZ color **21.0838, 25.9296, 44.4511** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **23.0919, 18.1191, 8.2423**, and the grayscale version is **20.6784, 21.7553, 23.6915**.

A 20% lighter version of the original color is **44.6818, 53.0706, 83.4900**, and **7.8805, 10.1405, 19.9543** is the 20% darker color. If you saturate the color by 10%, you get **19.3014, 24.0029, 44.1736**, and if you desaturate by 10%, it is **23.2635, 28.1008, 44.7558**.

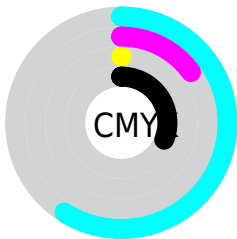
Distribution



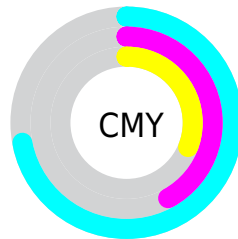
- Red (28%)
- Green (58%)
- Blue (69%)



- Red (28%)
- Yellow (45%)
- Blue (69%)



- Cyan (59%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (72%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0838, 25.9296, 44.4511 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 21.0838, 25.9296, 44.4511 by changing the saturation by 10% instead.

■ 21.0838, 25.9296,
44.4511

■ 21.0838, 25.9296,
44.4511

250.4468,
282.4363, 380.6410

■ 13.2981, 16.7710,
30.6855

■ 44.7172, 53.1614,
83.2058

■ 7.7125, 10.0713,
20.1030

■ 61.2956, 72.0033,
109.0320

■ 3.9618, 5.4463,
12.2851

■ 81.5355, 94.8418,
139.7155

■ 1.6806, 2.5114,
6.8133

■ 105.8025,
122.0612, 175.6748

■ 0.4441, 0.8823,
3.2689

■ 134.4617,
154.0460, 217.3285

■ 0.0000, 0.0000,
1.2335

167.8786,

■ 0.0000, 0.0000,

191.1805, 265.0950

0.0064

206.4185,
233.8491, 319.3930

■ 0.0000, 0.0000,
0.0000

■ 21.0838, 25.9296,
44.4511

■ 21.0838, 25.9296,
44.4511

■ 19.3014, 24.0029,
44.1736

■ 23.2635, 28.1008,
44.7558

■ 17.8807, 22.3003,
43.9199

■ 25.8670, 30.5289,
45.0872

■ 16.7838, 20.8025,
43.6886

■ 28.9215, 33.2290,
45.4474

■ 15.9345, 19.4695,
43.4761

■ 32.4510, 36.2137,
45.8375

■ 15.8880, 19.3954,
43.4642

■ 36.4778, 39.4950,
46.2586

■ 41.0227, 43.0841,
46.7118

■ 46.1054, 46.9913,
47.1981

■ 51.7444, 51.2267,
47.7184

■ 57.9574, 55.7997,
48.2736

Harmonies

Analogous

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



19.4062, 25.9296, 35.3771



21.0838, 25.9296, 44.4511



23.8239, 25.9296, 49.3783

Triad

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



21.0838, 25.9296, 44.4511



31.2130, 25.9296, 30.6795



22.4072, 25.9296, 14.9245

Complementary

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



21.0838, 25.9296, 44.4511



23.0919, 18.1191, 8.2423

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.



25.4854, 25.9296, 14.1949



21.0838, 25.9296, 44.4511



30.7515, 25.9296, 22.1218

Square

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



21.0838, 25.9296, 44.4511



29.7987, 25.9296, 40.3859



28.5869, 25.9296, 16.5346



20.1232, 25.9296, 18.8011

Rectangle

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



21.0838, 25.9296, 44.4511



25.9593, 25.9296, 49.0415



28.5869, 25.9296, 16.5346



23.3765, 25.9296, 14.3424

Sweetspot

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



21.0846, 25.9306, 44.4517



58.8772, 65.4852, 82.1736



20.0069, 32.8312, 16.1737



12.6576, 14.1989, 18.2179



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



21.0846, 25.9306, 44.4517



33.7923, 42.0946, 78.9809



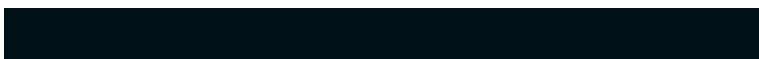
14.7738, 13.3089, 42.3481



8.0642, 8.7278, 10.2123



11.4284, 13.9907, 31.1426



0.3579, 0.4692, 0.8797

Inverse Universe

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



25.3579, 15.7912, 30.1462



42.5342, 23.7713, 49.1735



29.2924, 30.5201, 10.3091



8.2502, 8.1133, 9.6285



15.6322, 7.7154, 16.2403



0.4551, 0.2227, 0.5581

Previews

White Background



This preview shows how the XYZ color 21.0838, 25.9296, 44.4511 looks on a white background.

Color Contrast Check

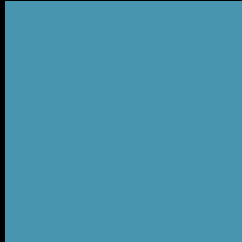
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0838, 25.9296, 44.4511 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 21.0838, 25.9296, 44.4511

Background



This preview shows how black text looks on a background with the XYZ color 21.0838, 25.9296, 44.4511.

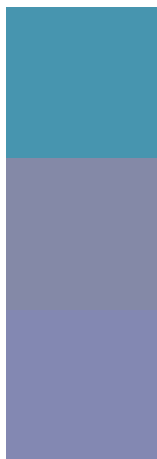


This preview shows how white text looks on a background with the XYZ color 21.0838, 25.9296,

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

21.0838, 25.9296, 44.4511

Protanopia

25.4364, 25.5869, 40.1573

Deuteranopia

26.2001, 25.6480, 45.6891



Tritanopia

19.9242, 25.9358, 38.6063

Trichromacy



Original Color

21.0838, 25.9296, 44.4511

Protanomaly

23.2110, 25.2670, 41.6839

Deuteranomaly

23.7674, 25.4753, 45.2595

Tritanomaly

20.2653, 25.8317, 40.4771

Monochromacy



Original Color

21.0838, 25.9296, 44.4511

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.1768, 22.8718, 30.5454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0838, 25.9296, 44.4511 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(71, 149, 175)` looks like.

```
.text, #text, p{  
    color:rgb(71, 149, 175)  
}
```

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(71, 149, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 149, 175) }
```

Border

The CSS property to change the border of an element to XYZ 21.0838, 25.9296, 44.4511 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(71, 149, 175) }
```


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

```
.border{ border-color:rgb(71, 149, 175) }
```

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

Here you see how a box with a 4 pixel rgb(71, 149, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 149, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 149, 175);  
box-shadow:4px 4px 4px 4px rgb(71, 149,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0838, 25.9296, 44.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 149, 175) }
```

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

```
.background{ background-color: rgb(71, 149,  
175) }
```

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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