

Converting Colors

XYZ(19.3049, 21.3486, 43.1476)

Have a look what the booklet for
XYZ(19.3049, 21.3486, 43.1476)
contains.

XYZ(19.2846, 21.3079, 43.1408)	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(19.2846, 21.3079,
43.1408)**

Conversions

Conversions Part 1

Format	Color
Hex	5184AE
RGB	81, 132, 174
RGB Percent	32%, 52%, 68%
CMY	0.6823, 0.4823, 0.3176
CMYK	0.53, 0.24, 0.00, 0.32
HSL	207°, 36%, 50%
HSV	207°, 53%, 68%
XYZ	19.2846, 21.3079, 43.1408
YIQ	121.5390, -43.8780, 2.2500

Conversions

Conversions Part 2

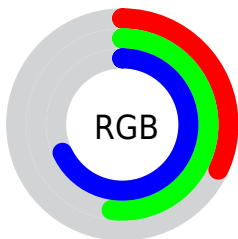
Format	Color
R _Y B	81, 114, 174
Decimal	5342382
CIE Lab	53.28, -4.84, -27.44
CIE LCh	53, 27.861, 260.005
Yxy	21.3079, 0.2303, 0.2545
Android (android.graphics.Color)	4283532462 (0xFF5184AE)
YUV	121.5390, 25.8633, -35.5527
Hunter-Lab	46.1605, -6.2084, -23.0991

Details

The XYZ color **19.2846, 21.3079, 43.1408** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **26.0244, 23.7595, 10.9998**, and the grayscale version is **18.2781, 19.2300, 20.9415**.

A 20% lighter version of the original color is **41.7852, 45.6453, 81.4710**, and **6.7939, 7.6956, 19.2165** is the 20% darker color. If you saturate the color by 10%, you get **16.9545, 18.5842, 42.7383**, and if you desaturate by 10%, it is **22.0785, 24.3906, 43.5890**.

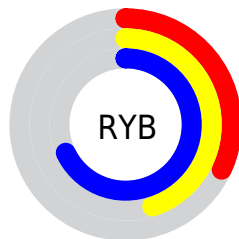
Distribution



Red (32%)

Green (52%)

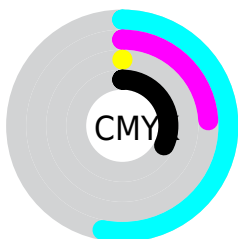
Blue (68%)



Red (32%)

Yellow (45%)

Blue (68%)

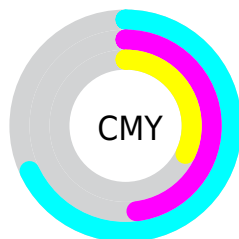


Cyan (53%)

Magenta (24%)

Yellow (0%)

Black (32%)



Cyan (68%)

Magenta (48%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2846, 21.3079, 43.1408 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 19.2846, 21.3079, 43.1408 by changing the saturation by 10% instead.

■ 19.2846, 21.3079,
43.1408

■ 19.2846, 21.3079,
43.1408

240.9235,
258.9103, 375.1287

■ 11.9813, 13.3493,
29.6634

■ 41.7276, 45.5994,
81.2119

■ 6.8031, 7.6695,
19.3333

■ 57.5981, 62.7011,
106.6427

■ 3.3845, 3.8842,
11.7321

■ 77.0550, 83.6192,
136.8950

■ 1.3602, 1.6090,
6.4412

■ 100.4637,
108.7381, 172.3875

■ 0.2276, 0.3637,
3.0421

■ 128.1895,
138.4423, 213.5385

■ 0.0000, 0.0000,
1.1162

160.5979,

■ 0.0000, 0.0000,

173.1161, 260.7667

0.0000

198.0541,
213.1440, 314.4906

■ 19.2846, 21.3079,
43.1408

■ 19.2846, 21.3079,
43.1408

■ 16.9545, 18.5842,
42.7383

■ 22.0785, 24.3906,
43.5890

■ 15.0544, 16.1984,
42.3779

■ 25.3623, 27.8472,
44.0831

■ 13.5490, 14.1300,
42.0580

■ 29.1628, 31.6943,
44.6253

■ 12.3955, 12.3540,
41.7760

■ 33.5038, 35.9466,
45.2173

■ 11.7702, 11.3162,
41.6087

■ 38.4078, 40.6179,
45.8605

■ 43.8958, 45.7215,
46.5563

■ 49.9878, 51.2696,
47.3062

■ 56.7027, 57.2744,
48.1113

■ 64.0586, 63.7471,
48.9729

Harmonies

Analogous

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



16.8235, 21.3079, 37.9915



19.2846, 21.3079, 43.1408



22.2542, 21.3079, 42.0417

Triad

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



19.2846, 21.3079, 43.1408



26.0593, 21.3079, 18.0785



16.2131, 21.3079, 14.2531

Complementary

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



19.2846, 21.3079, 43.1408



26.0244, 23.7595, 10.9998

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.



18.3746, 21.3079, 11.0457



19.2846, 21.3079, 43.1408



24.1184, 21.3079, 12.8541

Square

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



19.2846, 21.3079, 43.1408



26.3633, 21.3079, 26.1337



21.2523, 21.3079, 10.6047



15.1675, 21.3079, 20.4958

Rectangle

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



19.2846, 21.3079, 43.1408



24.1193, 21.3079, 37.9889



21.2523, 21.3079, 10.6047



16.8228, 21.3079, 12.8554

Sweetspot

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



19.2853, 21.3087, 43.1413



58.4360, 62.9385, 81.7053



22.0958, 33.4483, 23.9822



12.6308, 13.6400, 18.1114



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.



19.2853, 21.3087, 43.1413



30.1189, 32.9374, 77.4070



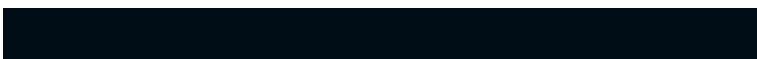
14.3340, 11.4060, 41.4909



7.9292, 8.4578, 10.1673



8.5968, 8.3275, 30.1988



0.2928, 0.3390, 0.8580

Inverse Universe

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



24.5635, 16.5503, 23.7305



41.1219, 24.8982, 36.5206



33.1944, 38.0996, 13.3899



8.1821, 8.0861, 9.2696



14.2029, 7.1437, 8.7140



0.4222, 0.2096, 0.3851

Previews

White Background



This preview shows how the XYZ color 19.2846, 21.3079, 43.1408 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 19.2846, 21.3079, 43.1408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

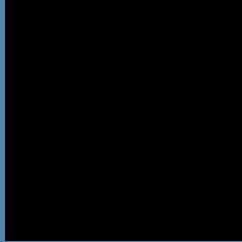
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2846, 21.3079, 43.1408

Background



This preview shows how black text looks on a background with the XYZ color 19.2846, 21.3079, 43.1408.

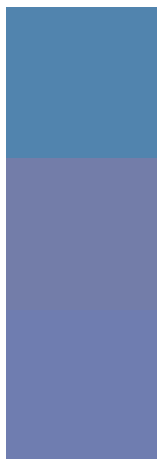


This preview shows how white text looks on a background with the XYZ color 19.2846, 21.3079,

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

19.2846, 21.3079, 43.1408

Protanopia

21.5653, 21.1766, 40.4870

Deuteranopia

21.7256, 21.1813, 44.0176



Tritanopia

16.9634, 21.4072, 31.2549

Trichromacy



Original Color

19.2846, 21.3079, 43.1408

Protanomaly

20.6634, 21.2622, 41.5430

Deuteranomaly

20.7126, 21.2428, 43.5660

Tritanomaly

17.6514, 21.2581, 35.0712

Monochromacy



Original Color

19.2846, 21.3079, 43.1408

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.3320, 19.9706, 28.0878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2846, 21.3079, 43.1408 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(81, 132, 174)` looks like.

```
.text, #text, p{  
    color:rgb(81, 132, 174)  
}
```

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(81, 132, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 132, 174) }
```

Border

The CSS property to change the border of an element to XYZ 19.2846, 21.3079, 43.1408 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(81, 132, 174) }
```


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

```
.border{ border-color:rgb(81, 132, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 132, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 132, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 132, 174);  
box-shadow:4px 4px 4px 4px rgb(81, 132,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2846, 21.3079, 43.1408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 132, 174) }
```

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

```
.background{ background-color: rgb(81, 132,  
174) }
```

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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