

Converting Colors

XYZ(19.4873, 24.9712, 42.1576)

Have a look what the booklet for
XYZ(19.4873, 24.9712, 42.1576)
contains.

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Color

**XYZ(19.4619, 24.9044,
42.3093)**

Conversions

Conversions Part 1

Format	Color
Hex	3694AB
RGB	54, 148, 171
RGB Percent	21%, 58%, 67%
CMY	0.7882, 0.4196, 0.3294
CMYK	0.68, 0.13, 0.00, 0.33
HSL	192°, 52%, 44%
HSV	192°, 68%, 67%
XYZ	19.4619, 24.9044, 42.3093
YIQ	122.5160, -63.4070, -12.7750

Conversions

Conversions Part 2

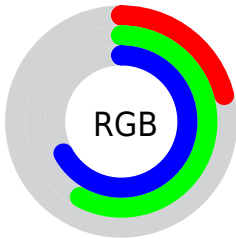
Format	Color
RYB	54, 106, 171
Decimal	3577003
CIELab	56.98, -19.87, -20.11
CIElCh	57, 28.276, 225.342
Yxy	24.9044, 0.2245, 0.2873
Android (android.graphics.Color)	4281767083 (0xFF3694AB)
YUV	122.5160, 23.9026, -60.0885
Hunter-Lab	49.9043, -17.7203, -15.3336




Details

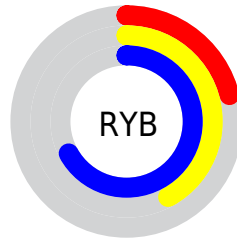
The XYZ color **19.4619, 24.9044, 42.3093** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **20.1150, 14.2328, 5.1778**, and the grayscale version is **18.6074, 19.5765, 21.3188**.




A 20% lighter version of the original color is **41.9182, 51.3769, 79.6589**, and **7.6045, 9.8813, 18.9592** is the 20% darker color. If you saturate the color by 10%, you get **18.1810, 23.4731, 42.1010**, and if you desaturate by 10%, it is **21.0824, 26.5345, 42.5390**.

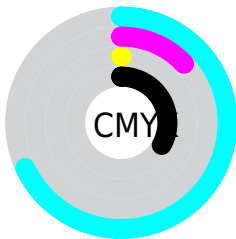
Distribution







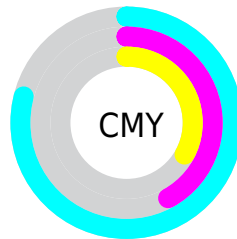
-  Red (21%)
-  Green (58%)
-  Blue (67%)






-  Red (21%)
-  Yellow (42%)
-  Blue (67%)



-  Cyan (68%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (79%)
-  Magenta (42%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4619, 24.9044, 42.3093 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 19.4619, 24.9044, 42.3093 by changing the saturation by 10% instead.

■ 19.4619, 24.9044,
42.3093

■ 19.4619, 24.9044,
42.3093

241.8764,
277.3615, 371.6009

■ 12.1105, 16.0058,
29.0162

■ 42.0240, 51.5021,
79.9427

■ 6.8917, 9.5283,
18.8474

■ 57.9654, 69.9700,
105.1200

■ 3.4402, 5.0873,
11.3844

■ 77.5009, 92.3965,
135.0958

■ 1.3906, 2.2986,
6.2086

■ 100.9958,
119.1660, 170.2886

■ 0.2495, 0.7730,
2.9015

■ 128.8154,
150.6628, 211.1170

■ 0.0000, 0.0000,
1.0446

161.3252,

■ 0.0000, 0.0000,

187.2714, 257.9995

0.0000

198.8904,
229.3762, 311.3546

■ 19.4619, 24.9044,
42.3093

■ 19.4619, 24.9044,
42.3093

■ 18.1810, 23.4731,
42.1010

■ 21.0824, 26.5345,
42.5390

■ 17.2015, 22.2193,
41.9106

■ 23.0705, 28.3765,
42.7898

■ 16.4613, 21.1112,
41.7358

■ 25.4542, 30.4455,
43.0635

■ 16.3514, 20.9416,
41.7088

■ 28.2579, 32.7544,
43.3614

■ 31.5039, 35.3147,
43.6845

■ 35.2131, 38.1375,
44.0338

■ 39.4049, 41.2329,
44.4104

■ 44.0975, 44.6105,
44.8150

■ 49.3084, 48.2794,
45.2485

Harmonies

Analogous

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



18.0335, 24.9044, 32.2467



19.4619, 24.9044, 42.3093



22.0922, 24.9044, 48.9259

Triad

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



19.4619, 24.9044, 42.3093



30.3988, 24.9044, 32.0105



22.0219, 24.9044, 13.0319

Complementary

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



19.4619, 24.9044, 42.3093



20.1150, 14.2328, 5.1778

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.



25.3231, 24.9044, 12.9972



19.4619, 24.9044, 42.3093



30.3755, 24.9044, 22.5617

Square

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



19.4619, 24.9044, 42.3093



28.5078, 24.9044, 42.1018



28.4468, 24.9044, 16.0811



19.4146, 24.9044, 16.1903

Rectangle

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



19.4619, 24.9044, 42.3093



24.2702, 24.9044, 49.6939



28.4468, 24.9044, 16.0811



23.0815, 24.9044, 12.6841

Sweetspot

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



19.4627, 24.9053, 42.3099



54.6195, 61.8437, 78.0602



17.3704, 30.4248, 11.6957



11.8304, 13.5161, 17.3730



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



19.4627, 24.9053, 42.3099



31.6149, 40.8711, 75.2245



12.6182, 11.2163, 40.0284



8.1006, 8.8005, 10.2244



12.3635, 15.8609, 31.4543



0.3776, 0.5086, 0.8863

Inverse Universe

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



23.4597, 13.4351, 29.3747



39.7072, 20.5680, 48.3814



25.9793, 25.9615, 7.1326



8.2686, 8.1207, 9.7251



16.1042, 7.9042, 18.7259



0.4650, 0.2267, 0.6105

Previews

White Background



This preview shows how the XYZ color 19.4619, 24.9044, 42.3093 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 19.4619, 24.9044, 42.3093 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 19.4619, 24.9044, 42.3093

Background



This preview shows how black text looks on a background with the XYZ color 19.4619, 24.9044, 42.3093.



This preview shows how white text looks on a background with the XYZ color 19.4619, 24.9044,

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

19.4619, 24.9044, 42.3093

Protanopia

24.3915, 24.6824, 37.6610

Deuteranopia

25.0808, 24.4982, 43.4511



Tritanopia

18.6469, 25.0497, 38.0347

Trichromacy



Original Color

19.4619, 24.9044, 42.3093

Protanomaly

21.6491, 24.2976, 39.1462

Deuteranomaly

22.1108, 24.0189, 43.0059

Tritanomaly

18.8544, 24.8896, 39.4078

Monochromacy



Original Color

19.4619, 24.9044, 42.3093

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.0219, 20.9926, 27.9131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4619, 24.9044, 42.3093 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(54, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(54, 148, 171)  
}
```

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(54, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 148, 171) }
```

Border

The CSS property to change the border of an element to XYZ 19.4619, 24.9044, 42.3093 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(54, 148, 171) }
```


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

```
.border{ border-color:rgb(54, 148, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(54, 148,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4619, 24.9044, 42.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 148, 171) }
```

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

```
.background{ background-color: rgb(54, 148,  
171) }
```

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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