

Converting Colors

XYZ(19.1444, 19.1920, 40.2315)

Have a look what the booklet for
XYZ(19.1444, 19.1920, 40.2315)
contains.

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Color

**XYZ(19.1444, 19.1920,
40.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	6379A9
RGB	99, 121, 169
RGB Percent	39%, 47%, 66%
CMY	0.6118, 0.5255, 0.3373
CMYK	0.41, 0.28, 0.00, 0.34
HSL	221°, 29%, 53%
HSV	221°, 41%, 66%
XYZ	19.1444, 19.1920, 40.2315
YIQ	119.8940, -28.5200, 10.2640

Conversions

Conversions Part 2

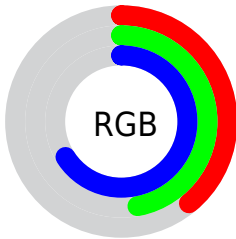
Format	Color
R _Y B	99, 116, 169
Decimal	6519209
CIE Lab	50.91, 4.68, -28.15
CIE LCh	51, 28.538, 279.444
Yxy	19.1920, 0.2437, 0.2443
Android (android.graphics.Color)	4284709289 (0xFF6379A9)
YUV	119.8940, 24.2093, -18.3240
Hunter-Lab	43.8087, 1.3394, -23.7826

Details

The XYZ color **19.1444, 19.1920, 40.2315** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **29.0485, 30.2039, 16.1040**, and the grayscale version is **17.7510, 18.6754, 20.3375**.

A 20% lighter version of the original color is **41.3470, 41.9444, 76.4379**, and **6.7657, 6.6538, 17.7573** is the 20% darker color. If you saturate the color by 10%, you get **16.1630, 15.6888, 39.7128**, and if you desaturate by 10%, it is **22.6827, 23.2342, 40.8256**.

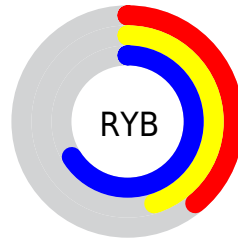
Distribution



Red (39%)

Green (47%)

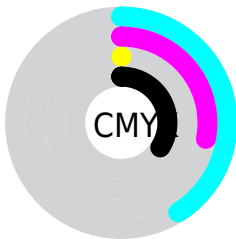
Blue (66%)



Red (39%)

Yellow (45%)

Blue (66%)

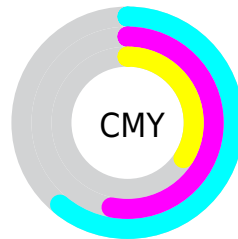


Cyan (41%)

Magenta (28%)

Yellow (0%)

Black (34%)



Cyan (61%)

Magenta (53%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1444, 19.1920, 40.2315 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 19.1444, 19.1920, 40.2315 by changing the saturation by 10% instead.

■ 19.1444, 19.1920,
40.2315

■ 19.1444, 19.1920,
40.2315

240.1676,
247.5067, 362.6794

■ 11.8793, 11.8091,
27.4039

■ 41.4929, 42.0583,
76.7568

■ 6.7331, 6.6138,
17.6417

■ 57.3071, 58.3104,
101.2917

■ 3.3406, 3.2218,
10.5263

■ 76.7016, 78.2878,
130.5661

■ 1.3363, 1.2486,
5.6391

■ 100.0419,
102.3748, 164.9985

■ 0.2102, 0.1009,
2.5617

127.6933,
130.9558, 205.0075

■ 0.0000, 0.0000,
0.8726

160.0211,

■ 0.0000, 0.0000,

164.4152, 251.0116

0.0000

197.3908,
203.1373, 303.4294

■ 19.1444, 19.1920,
40.2315

■ 19.1444, 19.1920,
40.2315

■ 16.1630, 15.6888,
39.7128

■ 22.6827, 23.2342,
40.8256

■ 13.7063, 12.6980,
39.2650

■ 26.8038, 27.8361,
41.4966

■ 11.7415, 10.1938,
38.8852

■ 31.5342, 33.0197,
42.2479

■ 10.2310, 8.1467,
38.5697

■ 36.8983, 38.8053,
43.0819

■ 9.1313, 6.5236,
38.3144

■ 42.9190, 45.2120,
44.0012

■ 8.4398, 5.4213,
38.1380

■ 49.6181, 52.2582,
45.0081

■ 57.0164, 59.9615,
46.1051

■ 65.1336, 68.3385,
47.2942

■ 73.9888, 77.4057,
48.5776

Harmonies

Analogous

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



16.4054, 19.1920, 39.0405



19.1444, 19.1920, 40.2315



21.9025, 19.1920, 35.3066

Triad

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



19.1444, 19.1920, 40.2315



22.7508, 19.1920, 12.5116



13.6265, 19.1920, 15.9108

Complementary

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



19.1444, 19.1920, 40.2315



29.0485, 30.2039, 16.1040

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.



15.0129, 19.1920, 11.0629



19.1444, 19.1920, 40.2315



20.2096, 19.1920, 9.4798

Square

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



19.1444, 19.1920, 40.2315



24.1214, 19.1920, 18.4542



17.3673, 19.1920, 9.0283



13.4042, 19.1920, 23.5460

Rectangle

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



19.1444, 19.1920, 40.2315



23.3130, 19.1920, 29.8140



17.3673, 19.1920, 9.0283



13.9645, 19.1920, 13.9627

Sweetspot

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



19.1451, 19.1927, 40.2320



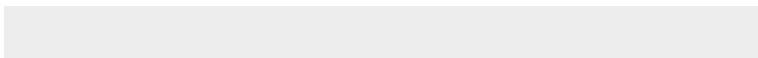
55.7600, 58.3578, 75.5504



24.5875, 33.1304, 32.6347



11.9158, 12.4608, 16.4293



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.1451, 19.1927, 40.2320



29.2028, 28.4032, 71.1683



18.2848, 15.2228, 39.5110



7.3170, 7.6710, 9.5133



6.3333, 4.1269, 28.4383



0.1994, 0.1911, 0.7070

Inverse Universe

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



24.2758, 18.7399, 20.4276



39.8846, 28.2002, 29.7713



30.1832, 36.3618, 17.2328



7.6246, 7.5797, 8.3405



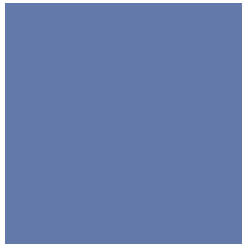
12.6974, 6.4877, 3.2180



0.3318, 0.1670, 0.1989

Previews

White Background



This preview shows how the XYZ color 19.1444, 19.1920, 40.2315 looks on a white background.

Color Contrast Check

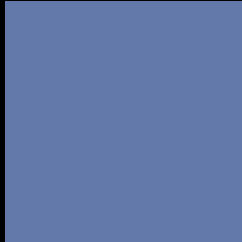
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1444, 19.1920, 40.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

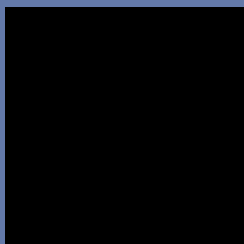
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

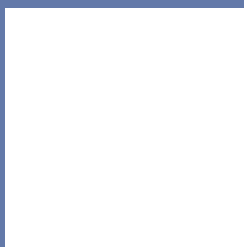
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1444, 19.1920, 40.2315

Background



This preview shows how black text looks on a background with the XYZ color 19.1444, 19.1920, 40.2315.



This preview shows how white text looks on a background with the XYZ color 19.1444, 19.1920,

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

19.1444, 19.1920, 40.2315

Protanopia

19.6086, 19.0850, 39.6961

Deuteranopia

19.5868, 19.2406, 40.2176



Tritanopia

16.4191, 19.2090, 26.5092

Trichromacy



Original Color

19.1444, 19.1920, 40.2315

Protanomaly

19.3779, 19.1437, 39.7196

Deuteranomaly

19.3574, 19.1223, 40.2068

Tritanomaly

17.3745, 19.2168, 31.2273

Monochromacy



Original Color

19.1444, 19.1920, 40.2315

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9860, 18.7127, 26.7087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1444, 19.1920, 40.2315 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(99, 121, 169)` looks like.

```
.text, #text, p{  
    color:rgb(99, 121, 169)  
}
```

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(99, 121, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 121, 169) }
```

Border

The CSS property to change the border of an element to XYZ 19.1444, 19.1920, 40.2315 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(99, 121, 169) }
```


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

```
.border{ border-color:rgb(99, 121, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 121, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 121, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 121, 169);  
box-shadow:4px 4px 4px 4px rgb(99, 121,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1444, 19.1920, 40.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 121, 169) }
```

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

```
.background{ background-color: rgb(99, 121,  
169) }
```

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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