

Converting Colors

XYZ(19.6144, 11.7274, 19.2149)

Have a look what the booklet for
XYZ(19.6144, 11.7274, 19.2149)
contains.

XYZ(19.7177, 11.7942, 19.3264)	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(19.7177, 11.7942,
19.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	A23779
RGB	162, 55, 121
RGB Percent	64%, 22%, 47%
CMY	0.3647, 0.7843, 0.5255
CMYK	0.00, 0.66, 0.25, 0.36
HSL	323°, 49%, 43%
HSV	323°, 66%, 64%
XYZ	19.7177, 11.7942, 19.3264
YIQ	94.5170, 42.5860, 43.2100

Conversions

Conversions Part 2

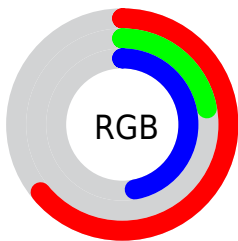
Format	Color
R_{YB}	162, 55, 121
Decimal	10631033
CIE _{Lab}	40.89, 50.79, -14.32
CIE _{LCh}	41, 52.766, 344.256
Yxy	11.7942, 0.3879, 0.2320
Android (android.graphics.Color)	4288821113 (0xFFA23779)
YUV	94.5170, 13.0561, 59.1826
Hunter-Lab	34.3427, 42.3853, -9.3257

Details

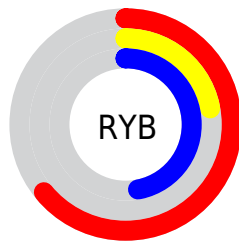
The XYZ color **19.7177, 11.7942, 19.3264** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.6079, 27.4979, 15.5000**, and the grayscale version is **10.7252, 11.2838, 12.2881**.

A 20% lighter version of the original color is **42.5267, 29.1701, 42.9241**, and **7.2331, 3.5937, 6.4433** is the 20% darker color. If you saturate the color by 10%, you get **18.7021, 10.3528, 17.1697**, and if you desaturate by 10%, it is **21.0111, 13.7518, 21.6968**.

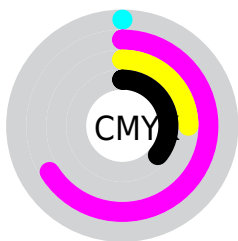
Distribution



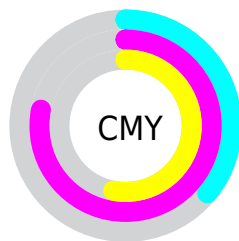
- Red (64%)
- Green (22%)
- Blue (47%)



- Red (64%)
- Yellow (22%)
- Blue (47%)



- Cyan (0%)
- Magenta (66%)
- Yellow (25%)
- Black (36%)



- Cyan (36%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7177, 11.7942, 19.3264 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 19.7177, 11.7942, 19.3264 by changing the saturation by 10% instead.

19.7177, 11.7942,
19.3264

19.7177, 11.7942,
19.3264

243.2455,
203.0380, 260.7273

12.2971, 6.6037,
11.7272

42.4509, 29.1197,
43.1289

7.0200, 3.2155,
6.4379

58.4943, 42.0235,
60.1693

3.5210, 1.2453,
3.0401

78.1425, 58.2673,
81.1938

1.4349, 0.0982,
1.1151

101.7611, 78.2353,
106.6210

0.2809, 0.0000,
0.0000

129.7153,
102.3119, 136.8694

0.0000, 0.0000,
0.0000

162.3706,

130.8817, 172.3576

200.0922,
164.3289, 213.5040

■ 19.7177, 11.7942,
19.3264

■ 19.7177, 11.7942,
19.3264

■ 18.7021, 10.3528,
17.1697

■ 21.0111, 13.7518,
21.6968

■ 17.9370, 9.3739,
15.2150

■ 22.6040, 16.2686,
24.2901

■ 17.3870, 8.7873,
13.4483

■ 24.5170, 19.3852,
27.1153

■ 17.1969, 8.6000,
12.7905

■ 26.7687, 23.1377,
30.1806

■ 29.3761, 27.5596,
33.4939

■ 32.3549, 32.6819,
37.0624

■ 35.7201, 38.5335,
40.8929

■ 39.4856, 45.1421,
44.9920

■ 43.6647, 52.5334,
49.3660

Harmonies

Analogous

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



17.0568, 11.7942, 34.1407



19.7177, 11.7942, 19.3264



19.7886, 11.7942, 8.3842

Triad

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



19.7177, 11.7942, 19.3264



9.5207, 11.7942, 1.4077



6.7846, 11.7942, 33.4158

Complementary

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



19.7177, 11.7942, 19.3264



16.6079, 27.4979, 15.5000

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.



5.5572, 11.7942, 18.6519



19.7177, 11.7942, 19.3264



6.8801, 11.7942, 2.9826

Square

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



19.7177, 11.7942, 19.3264



13.2905, 11.7942, 1.4399



5.5877, 11.7942, 7.9992



9.3588, 11.7942, 44.9023

Rectangle

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



19.7177, 11.7942, 19.3264



18.3185, 11.7942, 4.3516



5.5877, 11.7942, 7.9992



6.2293, 11.7942, 28.3979

Sweetspot

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



19.7181, 11.7948, 19.3266



51.1971, 46.3998, 58.1423



12.5285, 7.7338, 35.0152



11.2167, 9.9436, 12.6987



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.7181, 11.7948, 19.3266



33.2799, 17.9047, 29.5441



17.3495, 10.8474, 6.8538



7.2487, 7.1559, 8.2962



13.5695, 6.7839, 10.1897



0.3071, 0.1513, 0.3299

Inverse Universe

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



19.7181, 11.7948, 19.3266



33.2799, 17.9047, 29.5441



19.8206, 28.7830, 32.4180



7.2487, 7.1559, 8.2962



13.5695, 6.7839, 10.1897



0.3071, 0.1513, 0.3299

Previews

White Background



This preview shows how the XYZ color 19.7177, 11.7942, 19.3264 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

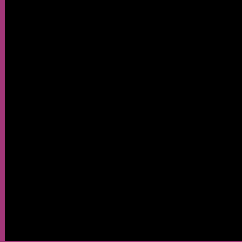
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.7177, 11.7942, 19.3264

Background



This preview shows how black text looks on a background with the XYZ color 19.7177, 11.7942, 19.3264.



This preview shows how white text looks on a background with the XYZ color 19.7177, 11.7942,

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

19.7177, 11.7942, 19.3264

Protanopia

12.7387, 11.9966, 30.9223

Deuteranopia

12.2237, 12.0189, 17.8953



Tritanopia

17.3374, 11.8712, 7.5085

Trichromacy



Original Color

19.7177, 11.7942, 19.3264

Protanomaly

13.7866, 10.8189, 26.1726

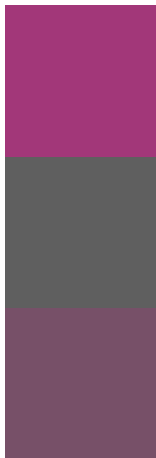
Deuteranomaly

13.9647, 11.0866, 18.2335

Tritanomaly

17.9210, 11.6641, 10.9797

Monochromacy



Original Color

19.7177, 11.7942, 19.3264

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.9751, 10.6587, 14.4702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7177, 11.7942, 19.3264 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(162, 55, 121)` looks like.

```
.text, #text, p{  
    color:rgb(162, 55, 121)  
}
```

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(162, 55, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 55, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.7177, 11.7942, 19.3264 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(162, 55, 121) }
```


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

```
.border{ border-color:rgb(162, 55, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 55, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 55, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 55, 121);  
box-shadow:4px 4px 4px 4px rgb(162, 55,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7177, 11.7942, 19.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 55, 121) }
```

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

```
.background{ background-color: rgb(162, 55,  
121) }
```

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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