

Converting Colors

XYZ(19.4446, 20.6637, 31.3974)

Have a look what the booklet for
XYZ(19.4446, 20.6637, 31.3974)
contains.

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Color

**XYZ(19.4446, 20.6637,
31.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7F95
RGB	110, 127, 149
RGB Percent	43%, 50%, 58%
CMY	0.5686, 0.5019, 0.4157
CMYK	0.26, 0.15, 0.00, 0.42
HSL	214°, 16%, 51%
HSV	214°, 26%, 58%
XYZ	19.4446, 20.6637, 31.3974
YIQ	124.4250, -17.1940, 3.2380

Conversions

Conversions Part 2

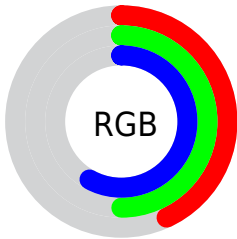
Format	Color
R_{YB}	110, 122, 149
Decimal	7241621
CIE _{Lab}	52.58, -0.98, -13.89
CIE _{LCh}	53, 13.926, 265.945
Yxy	20.6637, 0.2719, 0.2890
Android (android.graphics.Color)	4285431701 (0xFF6E7F95)
YUV	124.4250, 12.1155, -12.6507
Hunter-Lab	45.4573, -3.1961, -9.1315

Details

The XYZ color **19.4446, 20.6637, 31.3974** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.4604, 24.0179, 18.1518**, and the grayscale version is **19.2655, 20.2688, 22.0727**.

A 20% lighter version of the original color is **42.0010, 44.6357, 62.9018**, and **6.8535, 7.3227, 12.6075** is the 20% darker color. If you saturate the color by 10%, you get **16.7039, 17.7065, 30.9714**, and if you desaturate by 10%, it is **22.5889, 23.9644, 31.8691**.

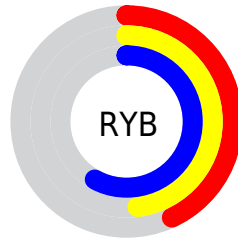
Distribution



Red (43%)

Green (50%)

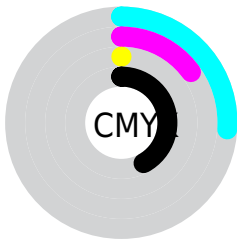
Blue (58%)



Red (43%)

Yellow (48%)

Blue (58%)

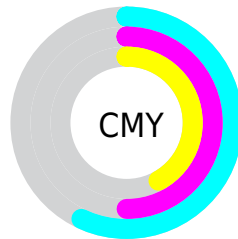


Cyan (26%)

Magenta (15%)

Yellow (0%)

Black (42%)



Cyan (57%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4446, 20.6637, 31.3974 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 19.4446, 20.6637, 31.3974 by changing the saturation by 10% instead.

■ 19.4446, 20.6637,
31.3974

■ 19.4446, 20.6637,
31.3974

241.7836,
255.4858, 322.7727

■ 12.0979, 12.8784,
20.6406

■ 41.9951, 44.5272,
62.9521

■ 6.8830, 7.3449,
12.6729

■ 57.9296, 61.3741,
84.5871

■ 3.4347, 3.6787,
7.0756

■ 77.4574, 82.0104,
110.6853

■ 1.3876, 1.4955,
3.4303

■ 100.9439,
106.8204, 141.6652

■ 0.2474, 0.2856,
1.3183

128.7544,
136.1886, 177.9453

■ 0.0000, 0.0000,
0.0767

161.2543,

■ 0.0000, 0.0000,

170.4993, 219.9443

0.0000

198.8089,
210.1369, 268.0806

■ 19.4446, 20.6637,
31.3974

■ 19.4446, 20.6637,
31.3974

■ 16.7039, 17.7065,
30.9714

■ 22.5889, 23.9644,
31.8691

■ 14.3470, 15.0779,
30.5882

■ 26.1516, 27.6178,
32.3865

■ 12.3555, 12.7654,
30.2469

■ 30.1488, 31.6359,
32.9514

■ 10.7083, 10.7547,
29.9456

■ 34.5953, 36.0293,
33.5651

■ 9.3821, 9.0299,
29.6826

■ 39.5053, 40.8080,
34.2287

■ 8.3500, 7.5735,
29.4558

■ 44.8923, 45.9818,
34.9434

■ 7.5737, 6.3616,
29.2628

■ 50.7689, 51.5600,
35.7104

■ 7.3126, 5.9453,
29.1962

■ 57.1478, 57.5517,
36.5307

■ 64.0407, 63.9655,
37.4054

Harmonies

Analogous

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



18.1264, 20.6637, 29.7494



19.4446, 20.6637, 31.3974



20.8799, 20.6637, 30.4317

Triad

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



19.4446, 20.6637, 31.3974



22.2436, 20.6637, 19.1972



17.4290, 20.6637, 18.3346

Complementary

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



19.4446, 20.6637, 31.3974



23.4604, 24.0179, 18.1518

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.



18.4506, 20.6637, 16.0810



19.4446, 20.6637, 31.3974



21.2360, 20.6637, 16.5346

Square

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



19.4446, 20.6637, 31.3974



22.5413, 20.6637, 23.0661



19.8372, 20.6637, 15.4644



16.9994, 20.6637, 21.9418

Rectangle

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



19.4446, 20.6637, 31.3974



21.7035, 20.6637, 28.4923



19.8372, 20.6637, 15.4644



17.7121, 20.6637, 17.4117

Sweetspot

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



19.4452, 20.6645, 31.3979



45.5037, 48.1069, 57.8085



21.3056, 26.4612, 25.6180



9.8814, 10.4542, 12.7819



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.4452, 20.6645, 31.3979



32.0580, 34.0427, 55.8025



17.6770, 16.7638, 30.7381



5.6950, 6.0240, 7.3323



6.1831, 5.0610, 24.5820



0.1041, 0.1189, 0.3104

Inverse Universe

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



21.8016, 19.0743, 22.6123



37.0210, 30.9513, 37.2404



25.6039, 28.8287, 18.9674



5.8995, 5.8549, 6.5770



11.2480, 5.7043, 4.7871



0.1520, 0.0756, 0.1343

Previews

White Background



This preview shows how the XYZ color 19.4446, 20.6637, 31.3974 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 19.4446, 20.6637, 31.3974 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

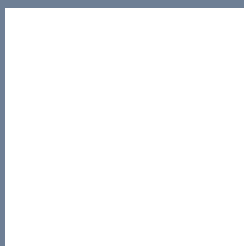
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4446, 20.6637, 31.3974

Background



This preview shows how black text looks on a background with the XYZ color 19.4446, 20.6637, 31.3974.



This preview shows how white text looks on a background with the XYZ color 19.4446, 20.6637,

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

19.4446, 20.6637, 31.3974

Protanopia

20.3593, 20.5868, 30.5044

Deuteranopia

20.9220, 20.4810, 31.7047



Tritanopia

18.6948, 20.7527, 27.4465

Trichromacy



Original Color

19.4446, 20.6637, 31.3974

Protanomaly

20.0150, 20.5873, 30.9358

Deuteranomaly

20.4584, 20.6104, 31.7541

Tritanomaly

18.9838, 20.6727, 28.9763

Monochromacy



Original Color

19.4446, 20.6637, 31.3974

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.1750, 20.2826, 25.0946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4446, 20.6637, 31.3974 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(110, 127, 149)` looks like.

```
.text, #text, p{  
    color:rgb(110, 127, 149)  
}
```

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(110, 127, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 127, 149) }
```

Border

The CSS property to change the border of an element to XYZ 19.4446, 20.6637, 31.3974 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(110, 127, 149) }
```


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

```
.border{ border-color:rgb(110, 127, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 127, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 127, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 127, 149);  
box-shadow:4px 4px 4px 4px rgb(110, 127,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4446, 20.6637, 31.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 127, 149) }
```

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

```
.background{ background-color: rgb(110,  
127, 149) }
```

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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