

Converting Colors

XYZ(19.7602, 22.0385, 30.4065)

Have a look what the booklet for
XYZ(19.7602, 22.0385, 30.4065)
contains.

XYZ(19.7602, 22.0385, 30.4065)	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(19.7602, 22.0385,
30.4065)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8592
RGB	108, 133, 146
RGB Percent	42%, 52%, 57%
CMY	0.5765, 0.4784, 0.4274
CMYK	0.26, 0.09, 0.00, 0.43
HSL	201°, 15%, 50%
HSV	201°, 26%, 57%
XYZ	19.7602, 22.0385, 30.4065
YIQ	127.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

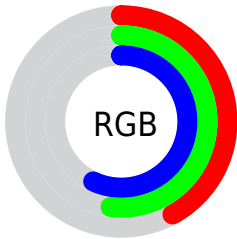
Format	Color
R_{YB}	108, 123, 146
Decimal	7112082
CIE _{Lab}	54.07, -5.81, -9.92
CIE _{LCh}	54, 11.499, 239.624
Yxy	22.0385, 0.2737, 0.3052
Android (android.graphics.Color)	4285302162 (0xFF6C8592)
YUV	127.0070, 9.3635, -16.6691
Hunter-Lab	46.9452, -7.0197, -5.5406

Details

The XYZ color **19.7602, 22.0385, 30.4065** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3986, 20.8687, 17.0882**, and the grayscale version is **20.1493, 21.1986, 23.0853**.

A 20% lighter version of the original color is **42.4814, 46.7615, 61.4304**, and **7.0853, 8.1150, 12.2592** is the 20% darker color. If you saturate the color by 10%, you get **17.4636, 19.8640, 30.1082**, and if you desaturate by 10%, it is **22.3880, 24.4331, 30.7306**.

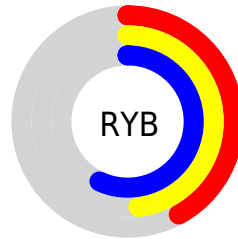
Distribution



Red (42%)

Green (52%)

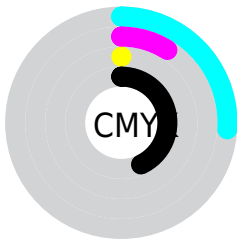
Blue (57%)



Red (42%)

Yellow (48%)

Blue (57%)

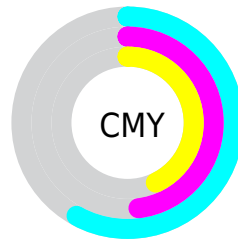


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (43%)



Cyan (58%)

Magenta (48%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7602, 22.0385, 30.4065 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 19.7602, 22.0385, 30.4065 by changing the saturation by 10% instead.

■ 19.7602, 22.0385,
30.4065

■ 19.7602, 22.0385,
30.4065

243.4723,
262.7473, 318.0608

■ 12.3281, 13.8852,
19.8927

■ 42.5218, 46.8096,
61.3730

■ 7.0413, 8.0409,
12.1337

■ 58.5820, 64.1962,
82.6628

■ 3.5345, 4.1211,
6.7112

■ 78.2489, 85.4294,
108.3817

■ 1.4423, 1.7415,
3.2064

■ 101.8880,
110.8935, 138.9481

■ 0.2861, 0.4503,
1.2010

129.8645,
140.9729, 174.7807

■ 0.0000, 0.0000,
0.0000

162.5438,

176.0521, 216.2980

200.2913,
216.5154, 263.9185

■ 19.7602, 22.0385,
30.4065

■ 19.7602, 22.0385,
30.4065

■ 17.4636, 19.8640,
30.1082

■ 22.3880, 24.4331,
30.7306

■ 15.4811, 17.8985,
29.8333

■ 25.3593, 27.0531,
31.0797

■ 13.7966, 16.1336,
29.5814

■ 28.6880, 29.9070,
31.4551

■ 12.3922, 14.5593,
29.3516

■ 32.3867, 33.0018,
31.8575

■ 11.2474, 13.1644,
29.1427

■ 36.4675, 36.3443,
32.2876

■ 10.3390, 11.9361,
28.9535

■ 40.9417, 39.9411,
32.7460

■ 9.6326, 10.8561,
28.7822

■ 45.8203, 43.7983,
33.2334

■ 9.3765, 10.4516,
28.7177

■ 51.1136, 47.9219,
33.7504

■ 56.8319, 52.3177,
34.2974

Harmonies

Analogous

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



18.9351, 22.0385, 27.5451



19.7602, 22.0385, 30.4065



20.9312, 22.0385, 31.5212

Triad

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



19.7602, 22.0385, 30.4065



23.4317, 22.0385, 24.0412



19.7864, 22.0385, 18.5189

Complementary

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



19.7602, 22.0385, 30.4065



21.3986, 20.8687, 17.0882

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.



20.9626, 22.0385, 17.7756



19.7602, 22.0385, 30.4065



23.0964, 22.0385, 20.7660

Square

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



19.7602, 22.0385, 30.4065



23.0796, 22.0385, 27.6306



22.1803, 22.0385, 18.5568



18.9498, 22.0385, 20.6953

Rectangle

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



19.7602, 22.0385, 30.4065



21.7608, 22.0385, 31.0464



22.1803, 22.0385, 18.5568



20.1536, 22.0385, 18.1033

Sweetspot

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



19.7609, 22.0394, 30.4070



43.5645, 46.7029, 54.6920



19.8945, 25.1187, 21.7826



9.5263, 10.2449, 12.1476



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.7609, 22.0394, 30.4070



32.5202, 36.6836, 53.3402



17.4282, 17.3741, 29.6294



5.7988, 6.2315, 7.3669



8.2724, 9.2397, 25.2785



0.1287, 0.1680, 0.3186

Inverse Universe

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



21.4508, 18.5302, 24.6373



36.0539, 29.6527, 41.2069



23.8907, 25.8530, 17.9189



5.9519, 5.8758, 6.8527



12.3026, 6.1261, 10.3405



0.1644, 0.0805, 0.1996

Previews

White Background



This preview shows how the XYZ color 19.7602, 22.0385, 30.4065 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 19.7602, 22.0385, 30.4065 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

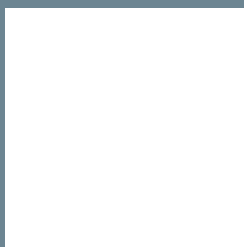
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7602, 22.0385, 30.4065

Background



This preview shows how black text looks on a background with the XYZ color 19.7602, 22.0385, 30.4065.



This preview shows how white text looks on a background with the XYZ color 19.7602, 22.0385,

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

19.7602, 22.0385, 30.4065

Protanopia

21.4295, 21.9335, 29.0907

Deuteranopia

22.4790, 22.0464, 31.0876



Tritanopia

19.6059, 21.9768, 29.5942

Trichromacy



Original Color

19.7602, 22.0385, 30.4065

Protanomaly

20.7624, 21.9719, 29.5323

Deuteranomaly

21.4289, 22.0922, 30.7386

Tritanomaly

19.6827, 22.0075, 29.9986

Monochromacy



Original Color

19.7602, 22.0385, 30.4065

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.8991, 21.4148, 25.6389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7602, 22.0385, 30.4065 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(108, 133, 146)` looks like.

```
.text, #text, p{  
    color:rgb(108, 133, 146)  
}
```

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(108, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 133, 146) }
```

Border

The CSS property to change the border of an element to XYZ 19.7602, 22.0385, 30.4065 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(108, 133, 146) }
```


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

```
.border{ border-color:rgb(108, 133, 146) }
```

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

Here you see how a box with a 4 pixel rgb(108, 133, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(108, 133,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7602, 22.0385, 30.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 133, 146) }
```

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

```
.background{ background-color: rgb(108,  
133, 146) }
```

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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