

Converting Colors

XYZ(18.6519, 22.6453, 20.1072)

Have a look what the booklet for
XYZ(18.6519, 22.6453, 20.1072)
contains.

XYZ(18.7298, 22.7763, 20.2387)	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(18.7298, 22.7763,
20.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8A75
RGB	110, 138, 117
RGB Percent	43%, 54%, 46%
CMY	0.5686, 0.4588, 0.5412
CMYK	0.20, 0.00, 0.15, 0.46
HSL	135°, 11%, 49%
HSV	135°, 20%, 54%
XYZ	18.7298, 22.7763, 20.2387
YIQ	127.2340, -9.9470, -12.4670

Conversions

Conversions Part 2

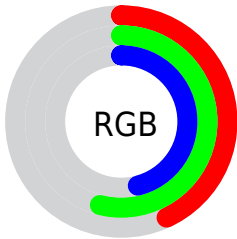
Format	Color
R_{YB}	110, 132, 138
Decimal	7244405
CIE _{Lab}	54.84, -14.39, 8.00
CIE _{LCh}	55, 16.463, 150.926
Yxy	22.7763, 0.3033, 0.3689
Android (android.graphics.Color)	4285434485 (0xFF6E8A75)
YUV	127.2340, -5.0454, -15.1142
Hunter-Lab	47.7245, -13.4644, 8.2639

Details

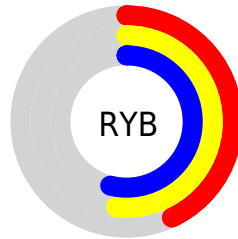
The XYZ color **18.7298, 22.7763, 20.2387** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1547, 18.1945, 23.9235**, and the grayscale version is **20.2730, 21.3288, 23.2270**.

A 20% lighter version of the original color is **40.9114, 48.2452, 44.6921**, and **6.5505, 8.4333, 6.9128** is the 20% darker color. If you saturate the color by 10%, you get **16.5694, 21.7297, 17.1347**, and if you desaturate by 10%, it is **21.2262, 23.9896, 23.7108**.

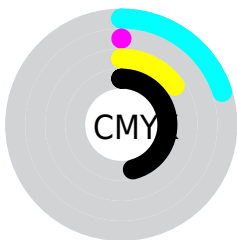
Distribution



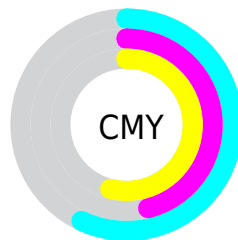
- Red (43%)
- Green (54%)
- Blue (46%)



- Red (43%)
- Yellow (52%)
- Blue (54%)



- Cyan (20%)
- Magenta (0%)
- Yellow (15%)
- Black (46%)



- Cyan (57%)
- Magenta (46%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7298, 22.7763, 20.2387 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 18.7298, 22.7763, 20.2387 by changing the saturation by 10% instead.

■ 18.7298, 22.7763,
20.2387

■ 18.7298, 22.7763,
20.2387

237.9199,
266.5739, 265.8513

■ 11.5780, 14.4284,
12.3829

■ 40.7974, 48.0258,
44.6812

■ 6.5272, 8.4192,
6.8793

■ 56.4440, 65.6961,
62.1050

■ 3.2119, 4.3644,
3.3094

■ 75.6529, 87.2427,
83.5552

■ 1.2668, 1.8794,
1.2547

■ 98.7895, 113.0501,
109.4504

■ 0.1581, 0.5359,
0.0242

126.2192,
143.5024, 140.2090

■ 0.0000, 0.0000,
0.0000

158.3072,

178.9843, 176.2497

195.4190,
219.8800, 217.9909

■ 18.7298, 22.7763,
20.2387

■ 18.7298, 22.7763,
20.2387

■ 16.5694, 21.7297,
17.1347

■ 21.2262, 23.9896,
23.7108

■ 14.7287, 20.8397,
14.3851

■ 24.0703, 25.3735,
27.5608

■ 13.1926, 20.0995,
11.9777

■ 27.2756, 26.9354,
31.8003

■ 11.9441, 19.5006,
9.8991

■ 30.8544, 28.6814,
36.4399

■ 10.9647, 19.0338,
8.1348

■ 34.8183, 30.6172,
41.4896

■ 10.2333, 18.6884,
6.6695

■ 39.1783, 32.7483,
46.9593

■ 9.7258, 18.4524,
5.4862

■ 43.9451, 35.0800,
52.8584

■ 9.3849, 18.2962,
4.5882

■ 49.1290, 37.6175,
59.1960

■ 54.7399, 40.3657,
65.9809

Harmonies

Analogous

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



19.8980, 22.7763, 17.1534



18.7298, 22.7763, 20.2387



18.3325, 22.7763, 24.9620

Triad

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



18.7298, 22.7763, 20.2387



21.7048, 22.7763, 36.2384



24.7930, 22.7763, 19.9945

Complementary

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



18.7298, 22.7763, 20.2387



20.1547, 18.1945, 23.9235

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.



25.3414, 22.7763, 24.6378



18.7298, 22.7763, 20.2387



23.4981, 22.7763, 34.4350

Square

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



18.7298, 22.7763, 20.2387



19.9909, 22.7763, 34.6371



24.8550, 22.7763, 29.9987



23.3947, 22.7763, 17.0269

Rectangle

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



18.7298, 22.7763, 20.2387



18.5395, 22.7763, 28.5564



24.8550, 22.7763, 29.9987



25.0862, 22.7763, 21.3875

Sweetspot

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



18.7304, 22.7773, 20.2392



39.4238, 43.2619, 44.5349



21.3364, 24.1665, 18.2923



8.7831, 9.6745, 9.9083



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.7304, 22.7773, 20.2392



31.3353, 39.3328, 33.2853



19.5848, 23.1190, 24.7383



5.0198, 5.6274, 5.6254



8.6094, 16.7764, 4.2341



0.0623, 0.1135, 0.0552

Inverse Universe

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



20.1547, 18.1945, 23.9235



34.2798, 29.8563, 40.8999



19.2963, 17.8511, 19.4030



5.1813, 5.1080, 6.0433



11.8837, 5.8636, 12.4237



0.0848, 0.0413, 0.1133

Previews

White Background



This preview shows how the XYZ color 18.7298, 22.7763, 20.2387 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 18.7298, 22.7763, 20.2387 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 18.7298, 22.7763, 20.2387

Background



This preview shows how black text looks on a background with the XYZ color 18.7298, 22.7763, 20.2387.



This preview shows how white text looks on a background with the XYZ color 18.7298, 22.7763,

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

18.7298, 22.7763, 20.2387

Protanopia

21.4135, 22.7432, 18.8841

Deuteranopia

23.0034, 22.5495, 20.5928



Tritanopia

20.7062, 22.7394, 30.0859

Trichromacy



Original Color

18.7298, 22.7763, 20.2387

Protanomaly

20.3148, 22.7771, 19.2453

Deuteranomaly

21.0842, 22.3416, 20.3406

Tritanomaly

19.8472, 22.5879, 26.2355

Monochromacy



Original Color

18.7298, 22.7763, 20.2387

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.5766, 21.7276, 21.9009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7298, 22.7763, 20.2387 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, 138, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 138, 117)  
}
```

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, 138, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 138, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.7298, 22.7763, 20.2387 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, 138, 117) }
```


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

```
.border{ border-color:rgb(110, 138, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 138, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 138, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 138, 117); box-shadow:4px 4px 4px 4px rgb(110, 138, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7298, 22.7763, 20.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 138, 117) }
```

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

```
.background{ background-color: rgb(110,  
138, 117) }
```

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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