

Converting Colors

XYZ(18.7793, 22.3343, 12.7724)

Have a look what the booklet for
XYZ(18.7793, 22.3343, 12.7724)
contains.

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Color

**XYZ(18.7793, 22.3343,
12.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8759
RGB	124, 135, 89
RGB Percent	49%, 53%, 35%
CMY	0.5137, 0.4706, 0.6510
CMYK	0.08, 0.00, 0.34, 0.47
HSL	74°, 21%, 44%
HSV	74°, 34%, 53%
XYZ	18.7793, 22.3343, 12.7724
YIQ	126.4670, 8.2100, -16.6380

Conversions

Conversions Part 2

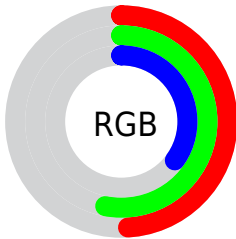
Format	Color
R_{YB}	89, 135, 100
Decimal	8161113
CIE Lab	54.38, -12.14, 23.44
CIE LCh	54, 26.400, 117.389
Yxy	22.3343, 0.3485, 0.4145
Android (android.graphics.Color)	4286351193 (0xFF7C8759)
YUV	126.4670, -18.4712, -2.1636
Hunter-Lab	47.2592, -11.7733, 17.0575

Details

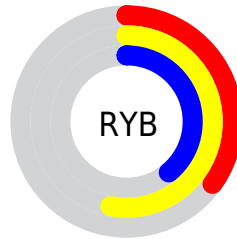
The XYZ color **18.7793, 22.3343, 12.7724** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.2020, 11.6040, 24.4669**, and the grayscale version is **20.0499, 21.0941, 22.9714**.

A 20% lighter version of the original color is **40.7749, 47.1776, 31.3832**, and **6.4905, 8.1200, 3.4157** is the 20% darker color. If you saturate the color by 10%, you get **17.8047, 21.8922, 10.0341**, and if you desaturate by 10%, it is **19.8743, 22.8279, 16.0600**.

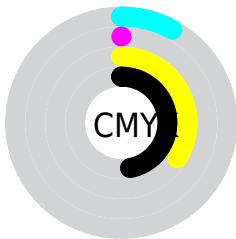
Distribution



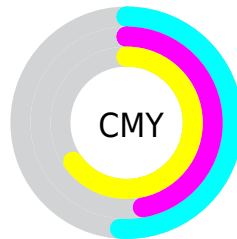
- Red (49%)
- Green (53%)
- Blue (35%)



- Red (35%)
- Yellow (53%)
- Blue (39%)



- Cyan (8%)
- Magenta (0%)
- Yellow (34%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7793, 22.3343, 12.7724 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 18.7793, 22.3343, 12.7724 by changing the saturation by 10% instead.

■ 18.7793, 22.3343,
12.7724

■ 18.7793, 22.3343,
12.7724

238.1892,
264.2871, 220.6102

■ 11.6140, 14.1027,
7.1431

■ 40.8806, 47.2979,
31.5794

■ 6.5517, 8.1922,
3.4720

■ 56.5473, 64.7987,
45.5943

■ 3.2272, 4.2182,
1.3404

■ 75.7785, 86.1581,
63.2414

■ 1.2750, 1.7963,
0.0945

■ 98.9395, 111.7605,
84.9394

■ 0.1644, 0.4849,
0.0000

■ 126.3957,
141.9901, 111.1067

■ 0.0000, 0.0000,
0.0000

158.5125,

177.2315, 142.1619

195.6552,
217.8691, 178.5236

■ 18.7793, 22.3343,
12.7724

■ 18.7793, 22.3343,
12.7724

■ 17.8047, 21.8922,
10.0341

■ 19.8743, 22.8279,
16.0600

■ 16.9431, 21.4962,
7.8137

■ 21.0934, 23.3721,
19.9232

■ 16.1885, 21.1449,
6.0789


■ 22.4422, 23.9700,
24.3883


■ 15.5338, 20.8352,
4.7930


■ 23.9255, 24.6235,
29.4796


■ 14.9711, 20.5639,
3.9142


■ 25.5478, 25.3345,
35.2199


 14.4900, 20.3270,
3.3895

 27.3133, 26.1045,
41.6311

 14.2249, 20.1954,
3.1484

 29.2261, 26.9354,
48.7339

 31.2901, 27.8286,
56.5482

 33.5091, 28.7857,
65.0930

Harmonies

Analogous

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



21.4816, 22.3343, 11.6590



18.7793, 22.3343, 12.7724



16.8936, 22.3343, 16.7280

Triad

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



18.7793, 22.3343, 12.7724



18.3791, 22.3343, 40.2879



27.2596, 22.3343, 25.0486

Complementary

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



18.7793, 22.3343, 12.7724



13.2020, 11.6040, 24.4669

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.



26.2470, 22.3343, 33.9145



18.7793, 22.3343, 12.7724



20.9766, 22.3343, 43.8695

Square

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



18.7793, 22.3343, 12.7724



16.6777, 22.3343, 32.3749



23.8810, 22.3343, 41.3089



26.5390, 22.3343, 17.7231

Rectangle

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



18.7793, 22.3343, 12.7724



16.2660, 22.3343, 21.0148



23.8810, 22.3343, 41.3089



27.1088, 22.3343, 27.9510

Sweetspot

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



18.7799, 22.3353, 12.7729



38.6742, 42.2533, 38.6256



16.3273, 14.9361, 11.4740



8.8892, 9.7555, 8.7241



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.



18.7799, 22.3353, 12.7729



32.2421, 39.3664, 18.9454



15.8647, 20.8325, 12.6364



4.9338, 5.3684, 5.0055



13.1286, 18.6280, 2.9036



0.0520, 0.0679, 0.0104

Inverse Universe

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



13.2020, 11.6040, 24.4669



20.6572, 17.0649, 43.2535



16.0766, 13.0859, 24.6015



4.5311, 4.5944, 5.8487



4.6009, 1.9060, 21.2621



0.0216, 0.0095, 0.0739

Previews

White Background



This preview shows how the XYZ color 18.7793, 22.3343, 12.7724 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 18.7793, 22.3343, 12.7724 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

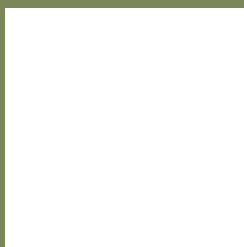
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7793, 22.3343, 12.7724

Background



This preview shows how black text looks on a background with the XYZ color 18.7793, 22.3343, 12.7724.



This preview shows how white text looks on a background with the XYZ color 18.7793, 22.3343,

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

18.7793, 22.3343, 12.7724

Protanopia

20.6874, 22.3161, 12.2339

Deuteranopia

22.6135, 22.1392, 12.9790



Tritanopia

21.8705, 22.3899, 27.5951

Trichromacy



Original Color

18.7793, 22.3343, 12.7724

Protanomaly

20.0044, 22.3580, 12.4937

Deuteranomaly

21.0662, 22.1058, 12.8294

Tritanomaly

20.4696, 22.2023, 21.2958

Monochromacy



Original Color

18.7793, 22.3343, 12.7724

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.2883, 21.2527, 18.7084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7793, 22.3343, 12.7724 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(124, 135, 89)` looks like.

```
.text, #text, p{  
    color:rgb(124, 135, 89)  
}
```

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(124, 135, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 135, 89) }
```

Border

The CSS property to change the border of an element to XYZ 18.7793, 22.3343, 12.7724 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(124, 135, 89) }
```


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

```
.border{ border-color:rgb(124, 135, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 135, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 135, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 135, 89);  
box-shadow:4px 4px 4px 4px rgb(124, 135,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7793, 22.3343, 12.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 135, 89) }
```

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

```
.background{ background-color: rgb(124,  
135, 89) }
```

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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