

Converting Colors

XYZ(18.8521, 20.4504, 24.8858)

Have a look what the booklet for
XYZ(18.8521, 20.4504, 24.8858)
contains.

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Color

**XYZ(18.8245, 20.4895,
24.7925)**

Conversions

Conversions Part 1

Format	Color
Hex	737F84
RGB	115, 127, 132
RGB Percent	45%, 50%, 52%
CMY	0.5490, 0.5020, 0.4823
CMYK	0.13, 0.04, 0.00, 0.48
HSL	198°, 7%, 48%
HSV	198°, 13%, 52%
XYZ	18.8245, 20.4895, 24.7925
YIQ	123.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

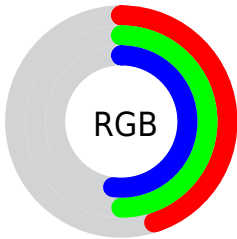
Format	Color
R_{YB}	115, 122, 132
Decimal	7569284
CIE _{Lab}	52.39, -3.32, -4.22
CIE _{LCh}	52, 5.369, 231.836
Yxy	20.4895, 0.2936, 0.3196
Android (android.graphics.Color)	4285759364 (0xFF737F84)
YUV	123.9820, 3.9529, -7.8772
Hunter-Lab	45.2653, -4.9815, -0.7883

Details

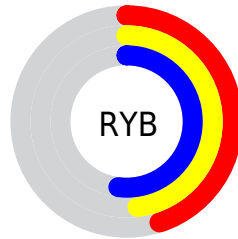
The XYZ color **18.8245, 20.4895, 24.7925** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3269, 19.5764, 18.9802**, and the grayscale version is **19.1420, 20.1389, 21.9312**.

A 20% lighter version of the original color is **41.0146, 44.3608, 52.2997**, and **6.6005, 7.2666, 9.2383** is the 20% darker color. If you saturate the color by 10%, you get **16.7200, 18.6752, 24.5536**, and if you desaturate by 10%, it is **21.1981, 22.4722, 25.0504**.

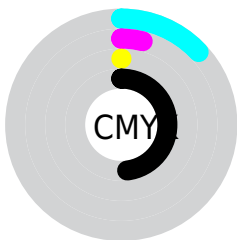
Distribution



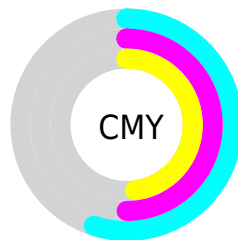
- Red (45%)
- Green (50%)
- Blue (52%)



- Red (45%)
- Yellow (48%)
- Blue (52%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (48%)



- Cyan (55%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8245, 20.4895, 24.7925 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 18.8245, 20.4895, 24.7925 by changing the saturation by 10% instead.

■ 18.8245, 20.4895,
24.7925

■ 18.8245, 20.4895,
24.7925

238.4349,
254.5529, 290.2175

■ 11.6468, 12.7514,
15.7049

■ 40.9565, 44.2364,
52.2803

■ 6.5741, 7.2576,
9.1635

■ 56.6415, 61.0139,
71.5177

■ 3.2412, 3.6237,
4.7497

■ 75.8930, 81.5733,
94.9753

■ 1.2825, 1.4654,
2.0450

■ 99.0763, 106.2990,
123.0719

■ 0.1701, 0.2642,
0.5827

126.5568,
135.5754, 156.2258

■ 0.0000, 0.0000,
0.0000

158.6998,

169.7870, 194.8557

195.8708,
209.3180, 239.3801

■ 18.8245, 20.4895,
24.7925

■ 18.8245, 20.4895,
24.7925

■ 16.7200, 18.6752,
24.5536

■ 21.1981, 22.4722,
25.0504

■ 14.8721, 17.0211,
24.3317

■ 23.8491, 24.6264,
25.3265

■ 13.2698, 15.5216,
24.1267

■ 26.7877, 26.9582,
25.6217

■ 11.9009, 14.1701,
23.9380

■ 30.0229, 29.4724,
25.9365

■ 10.7517, 12.9592,
23.7648

■ 33.5635, 32.1740,
26.2713

■ 9.8073, 11.8809,
23.6065

■ 37.4177, 35.0674,
26.6267

■ 9.0505, 10.9260,
23.4620

■ 41.5935, 38.1571,
27.0030

■ 8.4612, 10.0838,
23.3305

■ 46.0986, 41.4474,
27.4006

■ 8.0959, 9.5279,
23.2425

■ 50.9404, 44.9422,
27.8200

Harmonies

Analogous

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



18.5035, 20.4895, 23.4624



18.8245, 20.4895, 24.7925



19.3239, 20.4895, 25.4642

Triad

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



18.8245, 20.4895, 24.7925



20.5471, 20.4895, 22.7452



19.0815, 20.4895, 19.5986

Complementary

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



18.8245, 20.4895, 24.7925



19.3269, 19.5764, 18.9802

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.



19.6262, 20.4895, 19.4269



18.8245, 20.4895, 24.7925



20.4792, 20.4895, 21.1951

Square

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



18.8245, 20.4895, 24.7925



20.3233, 20.4895, 24.2462



20.1396, 20.4895, 19.9982



18.6499, 20.4895, 20.4790

Rectangle

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



18.8245, 20.4895, 24.7925



19.6937, 20.4895, 25.4272



20.1396, 20.4895, 19.9982



19.2572, 20.4895, 19.4578

Sweetspot

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



18.8251, 20.4904, 24.7930



36.8079, 39.1454, 44.0690



18.7010, 21.4994, 20.8756



8.5017, 9.0577, 10.2529



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.8251, 20.4904, 24.7930



32.2059, 35.2808, 43.5656



17.7948, 18.4297, 24.4495



4.6891, 5.0538, 5.9291



7.8435, 9.2347, 22.5058



0.0335, 0.0447, 0.0801

Inverse Universe

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



19.4777, 18.6999, 22.6624



33.5605, 31.6156, 39.1320



20.3712, 21.6648, 19.3282



4.8011, 4.7401, 5.5648



11.1371, 5.5192, 10.5604



0.0418, 0.0204, 0.0534

Previews

White Background



This preview shows how the XYZ color 18.8245, 20.4895, 24.7925 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 18.8245, 20.4895, 24.7925 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

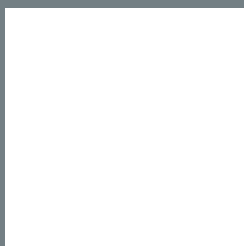
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8245, 20.4895, 24.7925

Background



This preview shows how black text looks on a background with the XYZ color 18.8245, 20.4895, 24.7925.



This preview shows how white text looks on a background with the XYZ color 18.8245, 20.4895,

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

18.8245, 20.4895, 24.7925

Protanopia

19.6944, 20.3870, 24.0162

Deuteranopia

20.7439, 20.3547, 25.0258



Tritanopia

19.1072, 20.4123, 26.2255

Trichromacy



Original Color

18.8245, 20.4895, 24.7925

Protanomaly

19.3155, 20.3709, 24.3867

Deuteranomaly

19.9208, 20.2950, 25.0577

Tritanomaly

19.0365, 20.3840, 25.8528

Monochromacy



Original Color

18.8245, 20.4895, 24.7925

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.0495, 20.2645, 22.9861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8245, 20.4895, 24.7925 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(115, 127, 132)` looks like.

```
.text, #text, p{  
    color:rgb(115, 127, 132)  
}
```

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(115, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 127, 132) }
```

Border

The CSS property to change the border of an element to XYZ 18.8245, 20.4895, 24.7925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

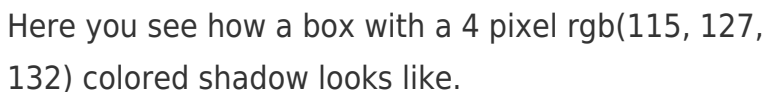
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 127, 132) }
```


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

```
.border{ border-color:rgb(115, 127, 132) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 127, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 127, 132); box-shadow:4px 4px 4px 4px rgb(115, 127, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8245, 20.4895, 24.7925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 127, 132) }
```

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

```
.background{ background-color: rgb(115,  
127, 132) }
```

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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