

Converting Colors

XYZ(17.3523, 18.9262, 20.5825)

Have a look what the booklet for
XYZ(17.3523, 18.9262, 20.5825)
contains.

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Color

**XYZ(17.2891, 18.8525,
20.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	727A78
RGB	114, 122, 120
RGB Percent	45%, 48%, 47%
CMY	0.5529, 0.5216, 0.5294
CMYK	0.07, 0.00, 0.02, 0.52
HSL	165°, 3%, 46%
HSV	165°, 7%, 48%
XYZ	17.2891, 18.8525, 20.4970
YIQ	119.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

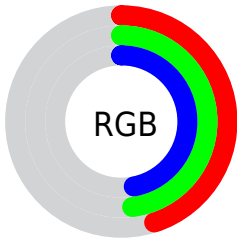
Format	Color
R_{YB}	114, 119, 122
Decimal	7502456
CIE Lab	50.51, -3.40, 0.06
CIE LCh	51, 3.399, 179.052
Yxy	18.8525, 0.3053, 0.3329
Android (android.graphics.Color)	4285692536 (0xFF727A78)
YUV	119.3800, 0.3057, -4.7183
Hunter-Lab	43.4195, -4.9075, 2.4046

Details

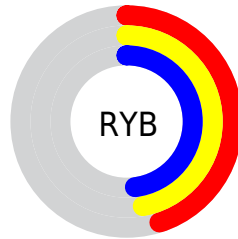
The XYZ color **17.2891, 18.8525, 20.4970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1964, 17.4336, 18.9824**, and the grayscale version is **17.6554, 18.5749, 20.2281**.

A 20% lighter version of the original color is **38.3083, 41.3577, 44.9935**, and **5.7990, 6.3912, 7.0589** is the 20% darker color. If you saturate the color by 10%, you get **15.6247, 18.0160, 19.4679**, and if you desaturate by 10%, it is **19.1722, 19.8021, 21.5680**.

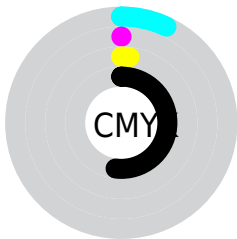
Distribution



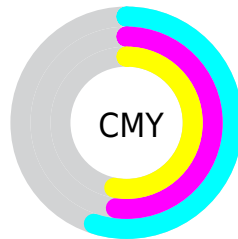
- Red (45%)
- Green (48%)
- Blue (47%)



- Red (45%)
- Yellow (47%)
- Blue (48%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2891, 18.8525, 20.4970 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 17.2891, 18.8525, 20.4970 by changing the saturation by 10% instead.

■ 17.2891, 18.8525,
20.4970

■ 17.2891, 18.8525,
20.4970

229.9568,
245.6333, 267.2858

■ 10.5374, 11.5637,
12.5692

■ 38.3618, 41.4847,
45.1188

■ 5.8217, 6.4474,
7.0053

■ 53.4136, 57.5970,
62.6498

■ 2.7766, 3.1190,
3.3869

■ 71.9627, 77.4192,
84.2189

■ 1.0367, 1.1942,
1.2954

■ 94.3746, 101.3357,
110.2448

■ 0.0000, 0.0569,
0.0581

121.0146,
129.7310, 141.1458

■ 0.0000, 0.0000,
0.0000

152.2481,

162.9894, 177.3407

188.4404,
201.4954, 219.2478

■ 17.2891, 18.8525,
20.4970

■ 17.2891, 18.8525,
20.4970

■ 15.6247, 18.0160,
19.4679

■ 19.1722, 19.8021,
21.5680

■ 14.1689, 17.2860,
18.4786

■ 21.2803, 20.8664,
22.6802

■ 12.9135, 16.6585,
17.5290

■ 23.6214, 22.0502,
23.8347

■ 11.8489, 16.1287,
16.6183

■ 26.2028, 23.3571,
25.0322

■ 10.9646, 15.6912,
15.7458

■ 29.0311, 24.7906,
26.2731

■ 10.2492, 15.3402,
14.9105

■ 32.1131, 26.3542,
27.5580

■ 9.6901, 15.0691,
14.1115

■ 35.4550, 28.0510,
28.8876

■ 9.2727, 14.8704,
13.3480

■ 39.0629, 29.8843,
30.2623

■ 8.9676, 14.7289,
12.6182

■ 42.9427, 31.8570,
31.6827

Harmonies

Analogous

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



17.3777, 18.8525, 19.6029



17.2891, 18.8525, 20.4970



17.3674, 18.8525, 21.4262

Triad

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



17.2891, 18.8525, 20.4970



18.2300, 18.8525, 22.1642



18.2484, 18.8525, 19.0014

Complementary

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



17.2891, 18.8525, 20.4970



17.1964, 17.4336, 18.9824

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.



18.4816, 18.8525, 19.6536



17.2891, 18.8525, 20.4970



18.4708, 18.8525, 21.4801

Square

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



17.2891, 18.8525, 20.4970



17.9082, 18.8525, 22.4065



18.5635, 18.8525, 20.5574



17.9293, 18.8525, 18.7559

Rectangle

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



17.2891, 18.8525, 20.4970



17.5043, 18.8525, 21.9367



18.5635, 18.8525, 20.5574



18.3396, 18.8525, 19.1793

Sweetspot

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



17.2896, 18.8533, 20.4974



31.8618, 33.8952, 36.8999



17.2176, 18.8569, 18.6521



7.2969, 7.7560, 8.4438



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.2896, 18.8533, 20.4974



29.9118, 32.9131, 35.7585



17.1854, 18.4483, 21.0684



4.0663, 4.4961, 4.8828



9.3339, 15.4572, 13.0092



44.1696, 73.5909, 60.1903

Inverse Universe

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



17.1964, 17.4336, 18.9824



29.7090, 29.8261, 32.4645



17.2939, 17.8131, 18.4466



4.0356, 4.0300, 4.3854



8.7009, 4.4565, 1.7158



41.2095, 21.1401, 6.6334

Previews

White Background



This preview shows how the XYZ color 17.2891, 18.8525, 20.4970 looks on a white background.

Color Contrast Check

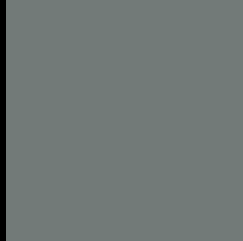
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2891, 18.8525, 20.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

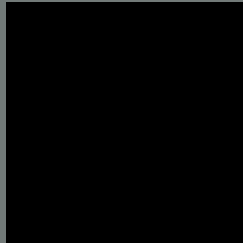
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2891, 18.8525, 20.4970

Background



This preview shows how black text looks on a background with the XYZ color 17.2891, 18.8525, 20.4970.



This preview shows how white text looks on a background with the XYZ color 17.2891, 18.8525,

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

17.2891, 18.8525, 20.4970

Protanopia

18.2146, 18.9758, 20.1554

Deuteranopia

19.0567, 18.6966, 20.6936



Tritanopia

17.9482, 18.7577, 23.7937

Trichromacy



Original Color

17.2891, 18.8525, 20.4970

Protanomaly

17.9129, 18.9997, 20.1760

Deuteranomaly

18.3871, 18.6973, 20.7290

Tritanomaly

17.6735, 18.8259, 22.4409

Monochromacy



Original Color

17.2891, 18.8525, 20.4970

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.3824, 18.5468, 20.1165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2891, 18.8525, 20.4970 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(114, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(114, 122, 120)  
}
```

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(114, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 122, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.2891, 18.8525, 20.4970 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(114, 122, 120) }
```


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

```
.border{ border-color:rgb(114, 122, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 122, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(114, 122,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2891, 18.8525, 20.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 122, 120) }
```

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

```
.background{ background-color: rgb(114,  
122, 120) }
```

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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