

Converting Colors

XYZ(18.8016, 19.3238, 25.1882)

Have a look what the booklet for
XYZ(18.8016, 19.3238, 25.1882)
contains.

XYZ(18.8862, 19.3890, 25.3013)	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(18.8862, 19.3890,
25.3013)**

Conversions

Conversions Part 1

Format	Color
Hex	787986
RGB	120, 121, 134
RGB Percent	47%, 47%, 53%
CMY	0.5294, 0.5255, 0.4745
CMYK	0.10, 0.10, 0.00, 0.47
HSL	236°, 6%, 50%
HSV	236°, 10%, 53%
XYZ	18.8862, 19.3890, 25.3013
YIQ	122.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

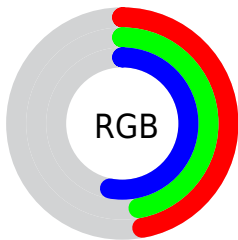
Format	Color
R_{YB}	120, 121, 134
Decimal	7895430
CIE Lab	51.14, 2.38, -7.20
CIE LCh	51, 7.583, 288.257
Yxy	19.3890, 0.2971, 0.3050
Android (android.graphics.Color)	4286085510 (0xFF787986)
YUV	122.1830, 5.8258, -1.9145
Hunter-Lab	44.0329, -0.4971, -3.2449

Details

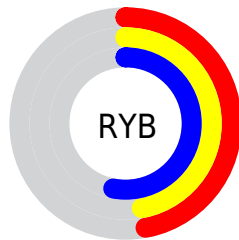
The XYZ color **18.8862, 19.3890, 25.3013** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.6094, 23.1995, 21.1088**, and the grayscale version is **18.5416, 19.5072, 21.2433**.

A 20% lighter version of the original color is **40.9265, 42.2457, 53.0109**, and **6.5813, 6.7448, 9.3425** is the 20% darker color. If you saturate the color by 10%, you get **15.7406, 15.6662, 24.7488**, and if you desaturate by 10%, it is **22.4881, 23.6376, 25.9318**.

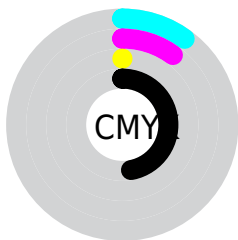
Distribution



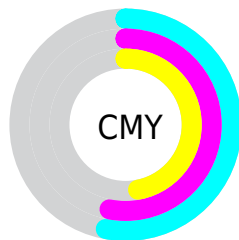
- Red (47%)
- Green (47%)
- Blue (53%)



- Red (47%)
- Yellow (47%)
- Blue (53%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8862, 19.3890, 25.3013 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 18.8862, 19.3890, 25.3013 by changing the saturation by 10% instead.

■ 18.8862, 19.3890,
25.3013

■ 18.8862, 19.3890,
25.3013

238.7700,
248.5879, 292.8307

■ 11.6916, 11.9517,
16.0806

■ 41.0601, 42.3904,
53.1158

■ 6.6047, 6.7108,
9.4262

■ 56.7701, 58.7233,
72.5466

■ 3.2603, 3.2819,
4.9196

■ 76.0492, 78.7901,
96.2180

■ 1.2929, 1.2806,
2.1423

99.2629, 102.9754,
124.5483

■ 0.1779, 0.1261,
0.6408

126.7765,
131.6634, 157.9562

■ 0.0000, 0.0000,
0.0000

158.9553,

165.2385, 196.8602

196.1646,
204.0852, 241.6789

■ 18.8862, 19.3890,
25.3013

■ 18.8862, 19.3890,
25.3013

■ 15.7406, 15.6662,
24.7488

■ 22.4881, 23.6376,
25.9318

■ 13.0315, 12.4464,
24.2701

■ 26.5616, 28.4288,
26.6419

■ 10.7399, 9.7087,
23.8625

■ 31.1237, 33.7816,
27.4347

■ 8.8452, 7.4299,
23.5225

■ 36.1897, 39.7134,
28.3126

■ 7.3247, 5.5849,
23.2465

■ 41.7745, 46.2409,
29.2782

■ 6.1535, 4.1459,
23.0305

■ 47.8921, 53.3801,
30.3338

■ 5.3037, 3.0824,
22.8700

■ 54.5563, 61.1463,
31.4816

■ 4.7430, 2.3590,
22.7599

■ 61.7802, 69.5544,
32.7237

■ 4.4071, 1.9292,
22.6947

■ 69.5764, 78.6187,
34.0624

Harmonies

Analogous

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



18.1354, 19.3890, 25.4392



18.8862, 19.3890, 25.3013



19.5308, 19.3890, 23.9957

Triad

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



18.8862, 19.3890, 25.3013



19.4100, 19.3890, 18.1647



17.0465, 19.3890, 20.2782

Complementary

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



18.8862, 19.3890, 25.3013



21.6094, 23.1995, 21.1088

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.



17.3688, 19.3890, 18.4679



18.8862, 19.3890, 25.3013



18.7251, 19.3890, 17.3044

Square

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



18.8862, 19.3890, 25.3013



19.8388, 19.3890, 19.8382



17.9786, 19.3890, 17.4115



17.0869, 19.3890, 22.4378

Rectangle

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



18.8862, 19.3890, 25.3013



19.8072, 19.3890, 22.6858



17.9786, 19.3890, 17.4115



17.1156, 19.3890, 19.6114

Sweetspot

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



18.8868, 19.3898, 25.3017



37.8803, 39.5954, 45.3846



20.4934, 22.7325, 25.4380



8.4260, 8.7930, 10.2058



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.



18.8868, 19.3898, 25.3017



31.6224, 32.2077, 44.2884



19.5996, 19.5776, 25.3004



4.4593, 4.5941, 5.8525



4.1336, 1.8149, 21.2691



0.0159, 0.0095, 0.0742

Inverse Universe

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



19.9997, 19.8823, 20.8736



34.0720, 33.2999, 34.5396



20.8428, 23.0087, 21.1124



4.6851, 4.6937, 4.9540



9.2645, 4.7702, 0.6995



0.0329, 0.0169, 0.0068

Previews

White Background



This preview shows how the XYZ color 18.8862, 19.3890, 25.3013 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 18.8862, 19.3890, 25.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

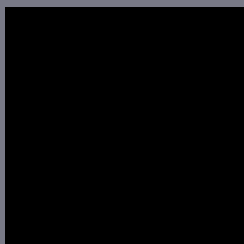
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

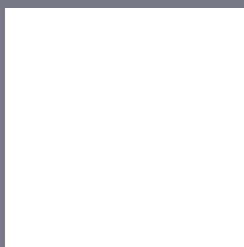
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8862, 19.3890, 25.3013

Background



This preview shows how black text looks on a background with the XYZ color 18.8862, 19.3890, 25.3013.



This preview shows how white text looks on a background with the XYZ color 18.8862, 19.3890,

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

18.8862, 19.3890, 25.3013

Protanopia

18.8862, 19.3890, 25.3013

Deuteranopia

19.7537, 19.2953, 25.6049



Tritanopia

18.6798, 19.3065, 24.2147

Trichromacy



Original Color

18.8862, 19.3890, 25.3013

Protanomaly

18.8862, 19.3890, 25.3013

Deuteranomaly

19.4274, 19.3029, 25.6236

Tritanomaly

18.7480, 19.3338, 24.5735

Monochromacy



Original Color

18.8862, 19.3890, 25.3013

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6106, 19.4904, 22.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8862, 19.3890, 25.3013 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(120, 121, 134)` looks like.

```
.text, #text, p{  
    color:rgb(120, 121, 134)  
}
```

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(120, 121, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 121, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.8862, 19.3890, 25.3013 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(120, 121, 134) }
```


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

```
.border{ border-color:rgb(120, 121, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 121, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 121, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 121, 134);  
box-shadow:4px 4px 4px 4px rgb(120, 121,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8862, 19.3890, 25.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 121, 134) }
```

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

```
.background{ background-color: rgb(120,  
121, 134) }
```

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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