

Converting Colors

XYZ(20.1572, 21.2941, 25.5871)

Have a look what the booklet for
XYZ(20.1572, 21.2941, 25.5871)
contains.

XYZ(20.1906, 21.3705, 25.6150)	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(20.1906, 21.3705,
25.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8086
RGB	123, 128, 134
RGB Percent	48%, 50%, 53%
CMY	0.5176, 0.4980, 0.4745
CMYK	0.08, 0.04, 0.00, 0.47
HSL	213°, 4%, 50%
HSV	213°, 8%, 53%
XYZ	20.1906, 21.3705, 25.6150
YIQ	127.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

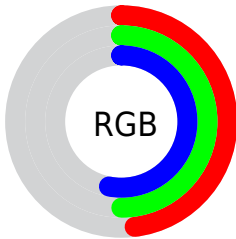
Format	Color
RYB	123, 126, 134
Decimal	8093830
CIELab	53.35, -0.60, -3.89
CIELCh	53, 3.936, 261.279
Yxy	21.3705, 0.3006, 0.3181
Android (android.graphics.Color)	4286283910 (0xFF7B8086)
YUV	127.1890, 3.3578, -3.6738
Hunter-Lab	46.2282, -2.9379, -0.4927

Details

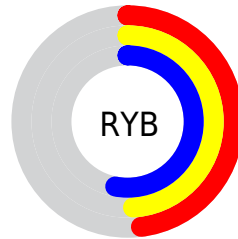
The XYZ color **20.1906, 21.3705, 25.6150** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2570, 22.1987, 21.9036**, and the grayscale version is **20.2282, 21.2817, 23.1758**.

A 20% lighter version of the original color is **43.1727, 45.7496, 53.5688**, and **7.2203, 7.6879, 9.4909** is the 20% darker color. If you saturate the color by 10%, you get **17.4845, 18.6118, 25.2255**, and if you desaturate by 10%, it is **23.2290, 24.4036, 26.0406**.

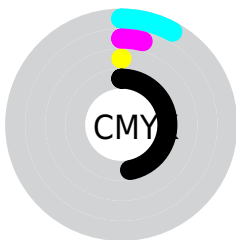
Distribution



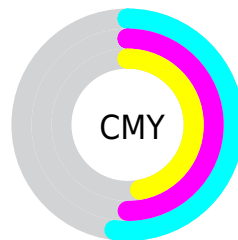
- Red (48%)
- Green (50%)
- Blue (53%)



- Red (48%)
- Yellow (49%)
- Blue (53%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1906, 21.3705, 25.6150 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 20.1906, 21.3705, 25.6150 by changing the saturation by 10% instead.

■ 20.1906, 21.3705,
25.6150

■ 20.1906, 21.3705,
25.6150

245.7590,
259.2410, 294.4321

■ 12.6427, 13.3951,
16.3127

■ 43.2380, 45.7033,
53.6296

■ 7.2583, 7.7012,
9.5889

■ 59.4683, 62.8296,
73.1790

■ 3.6719, 3.9043,
5.0252

■ 79.3234, 83.7748,
96.9811

■ 1.5183, 1.6202,
2.2031

103.1687,
108.9236, 125.4546

■ 0.3382, 0.3712,
0.6761

131.3696,
138.6602, 159.0178

■ 0.0000, 0.0000,
0.0000

164.2913,

173.3690, 198.0895

202.2994,
213.4345, 243.0881

■ 20.1906, 21.3705,
25.6150

■ 20.1906, 21.3705,
25.6150

■ 17.4845, 18.6118,
25.2255

■ 23.2290, 24.4036,
26.0406

■ 15.0969, 16.1163,
24.8696

■ 26.6092, 27.7164,
26.5019

■ 13.0154, 13.8764,
24.5470

■ 30.3427, 31.3172,
27.0002

■ 11.2266, 11.8825,
24.2564

■ 34.4398, 35.2134,
27.5363

■ 9.7154, 10.1247,
23.9968

■ 38.9104, 39.4119,
28.1110

■ 8.4657, 8.5922,
23.7668

■ 43.7639, 43.9195,
28.7253

■ 7.4593, 7.2731,
23.5653

■ 49.0096, 48.7428,
29.3798

■ 6.6755, 6.1538,
23.3905

■ 54.6562, 53.8880,
30.0753

■ 6.0690, 5.2085,
23.2400

■ 60.7124, 59.3614,
30.8126

Harmonies

Analogous

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



19.8142, 21.3705, 25.1082



20.1906, 21.3705, 25.6150



20.6046, 21.3705, 25.4765

Triad

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



20.1906, 21.3705, 25.6150



21.0689, 21.3705, 22.4448



19.6924, 21.3705, 21.8608

Complementary

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



20.1906, 21.3705, 25.6150



21.2570, 22.1987, 21.9036

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.



20.0222, 21.3705, 21.1925



20.1906, 21.3705, 25.6150



20.8181, 21.3705, 21.5216

Square

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



20.1906, 21.3705, 25.6150



21.1155, 21.3705, 23.6190



20.4339, 21.3705, 21.0705



19.5292, 21.3705, 22.9221

Rectangle

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



20.1906, 21.3705, 25.6150



20.8460, 21.3705, 25.0389



20.4339, 21.3705, 21.0705



19.7872, 21.3705, 21.5842

Sweetspot

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



20.1912, 21.3714, 25.6155



38.8037, 40.8896, 45.5857



20.6474, 22.8429, 24.0437



8.7595, 9.2294, 10.2725



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.



20.1912, 21.3714, 25.6155



34.5691, 36.6378, 44.9882



19.6073, 20.1255, 25.4058



4.5959, 4.8675, 5.8980



5.6037, 4.7551, 21.7592



0.0266, 0.0308, 0.0778

Inverse Universe

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



20.8112, 20.7932, 23.3397



35.9166, 35.4053, 40.0368



21.8737, 23.5188, 22.1259



4.7541, 4.7213, 5.3173



10.0066, 5.0670, 4.6070



0.0383, 0.0190, 0.0349

Previews

White Background



This preview shows how the XYZ color 20.1906, 21.3705, 25.6150 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 20.1906, 21.3705, 25.6150 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

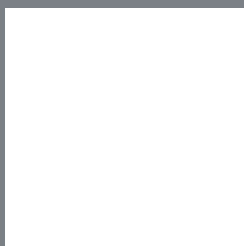
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1906, 21.3705, 25.6150

Background



This preview shows how black text looks on a background with the XYZ color 20.1906, 21.3705, 25.6150.



This preview shows how white text looks on a background with the XYZ color 20.1906, 21.3705,

25.6150.

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

20.1906, 21.3705, 25.6150

Protanopia

20.7251, 21.4614, 25.2404

Deuteranopia

21.7342, 21.3988, 25.9065



Tritanopia

20.4890, 21.2988, 27.0760

Trichromacy

**Original Color**

20.1906, 21.3705, 25.6150

Protanomaly

20.4272, 21.3078, 25.2265

Deuteranomaly

21.0669, 21.2418, 25.9114

Tritanomaly

20.4169, 21.2700, 26.6963

Monochromacy

**Original Color**

20.1906, 21.3705, 25.6150

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2228, 21.2261, 24.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1906, 21.3705, 25.6150 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(123, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(123, 128, 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(123, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 128, 134) }
```

Border

The CSS property to change the border of an element to XYZ 20.1906, 21.3705, 25.6150 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(123, 128, 134) }
```


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

```
.border{ border-color:rgb(123, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(123, 128,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1906, 21.3705, 25.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 128, 134) }
```

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

```
.background{ background-color: rgb(123,  
128, 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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