

Converting Colors

XYZ(22.5502, 23.0460, 30.7761)

Have a look what the booklet for
XYZ(22.5502, 23.0460, 30.7761)
contains.

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Color

**XYZ(22.5887, 23.0850,
30.8691)**

Conversions

Conversions Part 1

Format	Color
Hex	828393
RGB	130, 131, 147
RGB Percent	51%, 51%, 58%
CMY	0.4902, 0.4863, 0.4235
CMYK	0.12, 0.11, 0.00, 0.42
HSL	236°, 7%, 54%
HSV	236°, 12%, 58%
XYZ	22.5887, 23.0850, 30.8691
YIQ	132.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

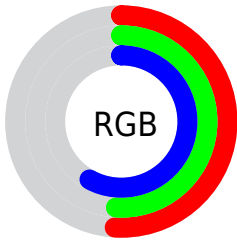
Format	Color
R_{YB}	130, 131, 147
Decimal	8553363
CIE _{Lab}	55.16, 2.99, -8.70
CIE _{LCh}	55, 9.196, 288.949
Yxy	23.0850, 0.2951, 0.3016
Android (android.graphics.Color)	4286743443 (0xFF828393)
YUV	132.5250, 7.1362, -2.2144
Hunter-Lab	48.0469, -0.1622, -4.4598

Details

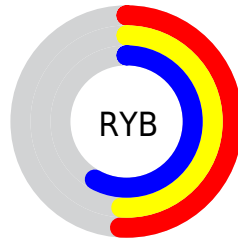
The XYZ color **22.5887, 23.0850, 30.8691** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3410, 28.3725, 25.2077**, and the grayscale version is **22.0989, 23.2497, 25.3189**.

A 20% lighter version of the original color is **47.2115, 48.5653, 62.1441**, and **8.5220, 8.6284, 12.2826** is the 20% darker color. If you saturate the color by 10%, you get **18.7575, 18.5339, 30.1929**, and if you desaturate by 10%, it is **26.9916, 28.3003, 31.6441**.

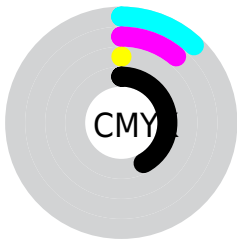
Distribution



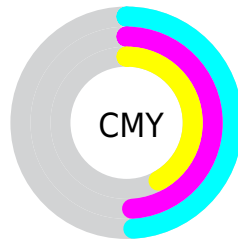
- Red (51%)
- Green (51%)
- Blue (58%)



- Red (51%)
- Yellow (51%)
- Blue (58%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5887, 23.0850, 30.8691 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 22.5887, 23.0850, 30.8691 by changing the saturation by 10% instead.

■ 22.5887, 23.0850,
30.8691

■ 22.5887, 23.0850,
30.8691

258.1804,
268.1613, 320.2673

■ 14.4091, 14.6563,
20.2416

■ 47.1887, 48.5329,
62.1111

■ 8.4894, 8.5785,
12.3849

■ 64.3399, 66.3208,
83.5626

■ 4.4641, 4.4673,
6.8807

■ 85.2123, 87.9973,
109.4592

■ 1.9679, 1.9382,
3.3103

110.1713,
113.9466, 140.2194

■ 0.6158, 0.5712,
1.2552

139.5822,
144.5533, 176.2618

■ 0.0000, 0.0000,
0.0246

173.8105,

■ 0.0000, 0.0000,

180.2017, 218.0049

0.0000

213.2214,
221.2763, 265.8672

■ 22.5887, 23.0850,
30.8691

■ 22.5887, 23.0850,
30.8691

■ 18.7575, 18.5339,
30.1929

■ 26.9916, 28.3003,
31.6441

■ 15.4725, 14.6176,
29.6102

■ 31.9861, 34.2020,
32.5200

■ 12.7094, 11.3088,
29.1171

■ 37.5936, 40.8147,
33.5008

■ 10.4414, 8.5769,
28.7094

■ 43.8341, 48.1610,
34.5899

■ 8.6391, 6.3890,
28.3820

■ 50.7265, 56.2625,
35.7903

■ 7.2702, 4.7085,
28.1298

■ 58.2888, 65.1400,
37.1053

■ 6.2980, 3.4945,
27.9467

■ 66.5386, 74.8133,
38.5376

■ 5.6799, 2.6998,
27.8259

■ 75.4926, 85.3016,
40.0901

■ 5.3605, 2.2946,
27.7645

■ 82.2665, 94.8866,
41.5832

Harmonies

Analogous

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



21.5655, 23.0850, 31.1007



22.5887, 23.0850, 30.8691



23.4637, 23.0850, 29.0331

Triad

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



22.5887, 23.0850, 30.8691



23.2633, 23.0850, 21.1098



20.0612, 23.0850, 24.0678

Complementary

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



22.5887, 23.0850, 30.8691



26.3410, 28.3725, 25.2077

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.



20.4868, 23.0850, 21.6036



22.5887, 23.0850, 30.8691



22.3221, 23.0850, 19.9866

Square

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



22.5887, 23.0850, 30.8691



23.8615, 23.0850, 23.3446



21.3070, 23.0850, 20.1601



20.1275, 23.0850, 27.0160

Rectangle

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



22.5887, 23.0850, 30.8691



23.8354, 23.0850, 27.2209



21.3070, 23.0850, 20.1601



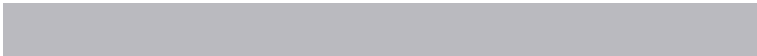
20.1509, 23.0850, 23.1597

Sweetspot

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



22.5894, 23.0860, 30.8696



47.0904, 49.2056, 56.4503



24.8180, 27.6849, 31.1759



10.6062, 11.0627, 12.8611



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.5894, 23.0860, 30.8696



38.4853, 39.0073, 54.9353



23.6263, 23.4218, 30.8798



5.5253, 5.6846, 7.2758



4.6538, 2.0024, 24.0723



0.0624, 0.0354, 0.2964

Inverse Universe

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



24.1126, 23.8076, 24.7983



41.7972, 40.5852, 41.7324



25.2170, 28.0232, 25.1996



5.8138, 5.8206, 6.1258



10.4761, 5.3955, 0.7222



0.1310, 0.0671, 0.0233

Previews

White Background



This preview shows how the XYZ color 22.5887, 23.0850, 30.8691 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 22.5887, 23.0850, 30.8691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

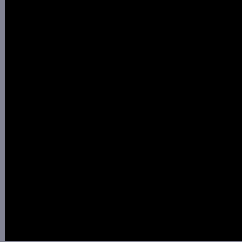
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

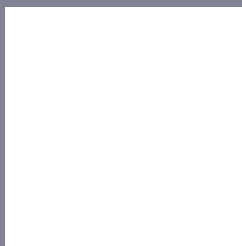
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5887, 23.0850, 30.8691

Background



This preview shows how black text looks on a background with the XYZ color 22.5887, 23.0850, 30.8691.



This preview shows how white text looks on a background with the XYZ color 22.5887, 23.0850,

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

22.5887, 23.0850, 30.8691

Protanopia

22.5887, 23.0850, 30.8691

Deuteranopia

23.5457, 22.9797, 31.2115



Tritanopia

22.1870, 23.1226, 28.8849

Trichromacy



Original Color

22.5887, 23.0850, 30.8691

Protanomaly

22.5887, 23.0850, 30.8691

Deuteranomaly

23.1872, 22.9895, 31.2323

Tritanomaly

22.3386, 23.1833, 29.6830

Monochromacy



Original Color

22.5887, 23.0850, 30.8691

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.3544, 23.2430, 27.3529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5887, 23.0850, 30.8691 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(130, 131, 147)` looks like.

```
.text, #text, p{  
    color:rgb(130, 131, 147)  
}
```

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(130, 131, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 131, 147) }
```

Border

The CSS property to change the border of an element to XYZ 22.5887, 23.0850, 30.8691 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(130, 131, 147) }
```


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

```
.border{ border-color:rgb(130, 131, 147) }
```

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

Here you see how a box with a 4 pixel rgb(130, 131, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 131, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 131, 147);  
box-shadow:4px 4px 4px 4px rgb(130, 131,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5887, 23.0850, 30.8691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 131, 147) }
```

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

```
.background{ background-color: rgb(130,  
131, 147) }
```

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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