

Converting Colors

XYZ(21.1322, 22.0250, 30.4144)

Have a look what the booklet for
XYZ(21.1322, 22.0250, 30.4144)
contains.

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Color

**XYZ(21.0646, 21.9134,
30.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8192
RGB	122, 129, 146
RGB Percent	48%, 51%, 57%
CMY	0.5216, 0.4941, 0.4274
CMYK	0.16, 0.12, 0.00, 0.43
HSL	222°, 10%, 53%
HSV	222°, 16%, 57%
XYZ	21.0646, 21.9134, 30.3136
YIQ	128.8450, -9.6290, 3.8030

Conversions

Conversions Part 2

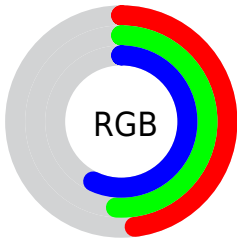
Format	Color
R_{YB}	122, 127, 146
Decimal	8028562
CIE _{Lab}	53.93, 1.14, -10.02
CIE _{LCh}	54, 10.081, 276.476
Yxy	21.9134, 0.2874, 0.2990
Android (android.graphics.Color)	4286218642 (0xFF7A8192)
YUV	128.8450, 8.4574, -6.0031
Hunter-Lab	46.8118, -1.5982, -5.6258

Details

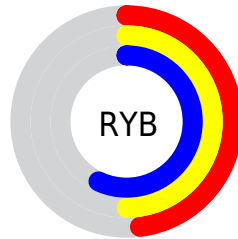
The XYZ color **21.0646, 21.9134, 30.3136** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5997, 25.9813, 22.1312**, and the grayscale version is **20.7863, 21.8688, 23.8151**.

A 20% lighter version of the original color is **44.8325, 46.7400, 61.3024**, and **7.7276, 7.9983, 12.2029** is the 20% darker color. If you saturate the color by 10%, you get **17.8568, 18.3395, 29.7932**, and if you desaturate by 10%, it is **24.7222, 25.9250, 30.8955**.

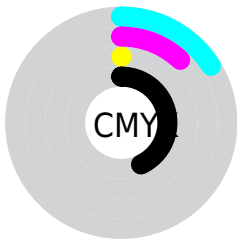
Distribution



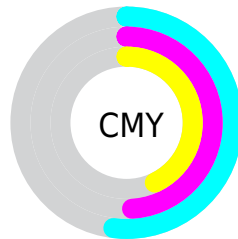
- Red (48%)
- Green (51%)
- Blue (57%)



- Red (48%)
- Yellow (50%)
- Blue (57%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (43%)



- Cyan (52%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0646, 21.9134, 30.3136 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 21.0646, 21.9134, 30.3136 by changing the saturation by 10% instead.

■ 21.0646, 21.9134,
30.3136

■ 21.0646, 21.9134,
30.3136

250.3468,
262.0937, 317.6162

■ 13.2840, 13.7933,
19.8227

■ 44.6855, 46.6028,
61.2246

■ 7.7027, 7.9770,
12.0834

■ 61.2564, 63.9409,
82.4818

■ 3.9555, 4.0803,
6.6773

■ 81.4882, 85.1205,
108.1648

■ 1.6770, 1.7186,
3.1857

105.7462,
110.5258, 138.6922

■ 0.4418, 0.4356,
1.1902

134.3957,
140.5415, 174.4825

■ 0.0000, 0.0000,
0.0000

167.8020,

175.5517, 215.9542

206.3306,
215.9410, 263.5259

■ 21.0646, 21.9134,
30.3136

■ 21.0646, 21.9134,
30.3136

■ 17.8568, 18.3395,
29.7932

■ 24.7222, 25.9250,
30.8955

■ 15.0790, 15.1852,
29.3307

■ 28.8444, 30.3861,
31.5393

■ 12.7126, 12.4353,
28.9247

■ 33.4479, 35.3113,
32.2473

■ 10.7371, 10.0725,
28.5727

■ 38.5479, 40.7138,
33.0213

■ 9.1299, 8.0780,
28.2725

■ 44.1589, 46.6063,
33.8630

■ 7.8660, 6.4316,
28.0213

■ 50.2947, 53.0010,
34.7739

■ 6.9171, 5.1106,
27.8163

■ 56.9688, 59.9095,
35.7556

■ 6.2413, 4.0846,
27.6539

■ 64.1940, 67.3433,
36.8096

■ 6.0375, 3.7737,
27.6046

■ 71.9828, 75.3132,
37.9375

Harmonies

Analogous

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



20.0051, 21.9134, 29.7782



21.0646, 21.9134, 30.3136



22.0951, 21.9134, 29.0026

Triad

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



21.0646, 21.9134, 30.3136



22.5538, 21.9134, 20.4763



18.9703, 21.9134, 21.5503

Complementary

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



21.0646, 21.9134, 30.3136



24.5997, 25.9813, 22.1312

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.



19.6104, 21.9134, 19.3643



21.0646, 21.9134, 30.3136



21.6732, 21.9134, 18.7829

Square

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



21.0646, 21.9134, 30.3136



22.9740, 21.9134, 23.1913



20.5932, 21.9134, 18.3942



18.8201, 21.9134, 24.5413

Rectangle

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



21.0646, 21.9134, 30.3136



22.6190, 21.9134, 27.3199



20.5932, 21.9134, 18.3942



19.1342, 21.9134, 20.7052

Sweetspot

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



21.0653, 21.9143, 30.3141



44.5360, 46.7395, 54.6479



22.9509, 26.5540, 28.2657



9.8111, 10.2928, 12.1418



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.0653, 21.9143, 30.3141



34.8229, 36.0667, 53.0998



20.8709, 20.4916, 30.0497



5.6292, 5.8923, 7.3104



5.3303, 3.3555, 24.2978



0.0882, 0.0869, 0.3050

Inverse Universe

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



22.7766, 21.6156, 23.7416



38.4910, 35.5084, 38.9935



24.8107, 27.6436, 22.4409



5.8663, 5.8416, 6.4019



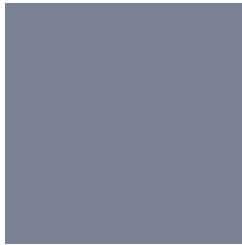
10.8176, 5.5321, 2.5205



0.1440, 0.0723, 0.0918

Previews

White Background



This preview shows how the XYZ color 21.0646, 21.9134, 30.3136 looks on a white background.

Color Contrast Check

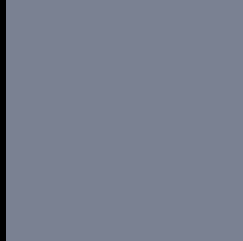
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0646, 21.9134, 30.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

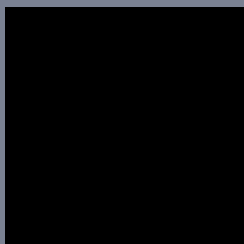
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

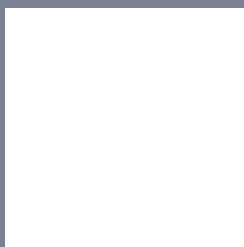
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0646, 21.9134, 30.3136

Background



This preview shows how black text looks on a background with the XYZ color 21.0646, 21.9134, 30.3136.



This preview shows how white text looks on a background with the XYZ color 21.0646, 21.9134,

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

21.0646, 21.9134, 30.3136

Protanopia

21.4342, 21.9183, 29.8890

Deuteranopia

22.4002, 22.0148, 30.6724



Tritanopia

20.6014, 21.9237, 27.9568

Trichromacy



Original Color

21.0646, 21.9134, 30.3136

Protanomaly

21.2875, 21.8427, 29.8821

Deuteranomaly

21.9091, 21.9525, 30.6863

Tritanomaly

20.7503, 21.9832, 28.7407

Monochromacy



Original Color

21.0646, 21.9134, 30.3136

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.8276, 21.8854, 26.0482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0646, 21.9134, 30.3136 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(122, 129, 146)` looks like.

```
.text, #text, p{  
    color:rgb(122, 129, 146)  
}
```

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(122, 129, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 129, 146) }
```

Border

The CSS property to change the border of an element to XYZ 21.0646, 21.9134, 30.3136 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(122, 129, 146) }
```


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

```
.border{ border-color:rgb(122, 129, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 129, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 129, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 129, 146);  
box-shadow:4px 4px 4px 4px rgb(122, 129,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0646, 21.9134, 30.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 129, 146) }
```

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

```
.background{ background-color: rgb(122,  
129, 146) }
```

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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