

Converting Colors

XYZ(21.6731, 20.8943, 30.5790)

Have a look what the booklet for
XYZ(21.6731, 20.8943, 30.5790)
contains.

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Color

**XYZ(21.5861, 20.8509,
30.4907)**

Conversions

Conversions Part 1

Format	Color
Hex	837A93
RGB	131, 122, 147
RGB Percent	51%, 48%, 58%
CMY	0.4863, 0.5216, 0.4235
CMYK	0.11, 0.17, 0.00, 0.42
HSL	262°, 10%, 53%
HSV	262°, 17%, 58%
XYZ	21.5861, 20.8509, 30.4907
YIQ	127.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

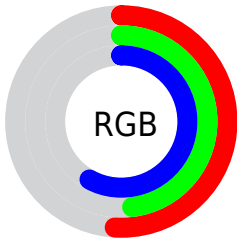
Format	Color
RYB	131, 122, 147
Decimal	8616595
CIELab	52.79, 8.57, -12.25
CIElCh	53, 14.949, 304.963
Yxy	20.8509, 0.2960, 0.2859
Android (android.graphics.Color)	4286806675 (0xFF837A93)
YUV	127.5410, 9.5933, 3.0335
Hunter-Lab	45.6628, 4.4722, -7.6261

Details

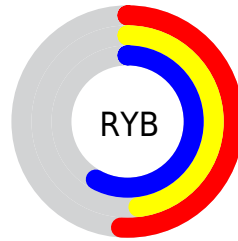
The XYZ color **21.5861, 20.8509, 30.4907** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.4284, 27.6763, 22.4678**, and the grayscale version is **20.3281, 21.3868, 23.2902**.

A 20% lighter version of the original color is **45.4458, 44.6795, 61.4871**, and **7.8872, 7.3589, 12.0710** is the 20% darker color. If you saturate the color by 10%, you get **18.5244, 16.7932, 29.8692**, and if you desaturate by 10%, it is **25.0544, 25.5247, 31.2104**.

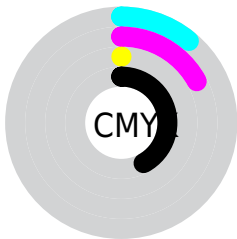
Distribution



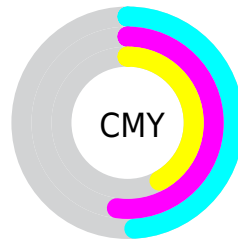
- Red (51%)
- Green (48%)
- Blue (58%)



- Red (51%)
- Yellow (48%)
- Blue (58%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (52%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5861, 20.8509, 30.4907 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 21.5861, 20.8509, 30.4907 by changing the saturation by 10% instead.

■ 21.5861, 20.8509,
30.4907

■ 21.5861, 20.8509,
30.4907

253.0503,
256.4850, 318.4633

■ 13.6680, 13.0151,
19.9561

■ 45.5449, 44.8393,
61.5075

■ 7.9703, 7.4389,
12.1794

■ 62.3163, 61.7606,
82.8268

■ 4.1276, 3.7381,
6.7420

■ 82.7696, 82.4791,
108.5781

■ 1.7746, 1.5282,
3.2253

107.2699,
107.3794, 139.1799

■ 0.5023, 0.3084,
1.2108

136.1829,
136.8457, 175.0508

■ 0.0000, 0.0000,
0.0000

169.8737,

171.2625, 216.6093

208.7077,
211.0142, 264.2739

■ 21.5861, 20.8509,
30.4907

■ 21.5861, 20.8509,
30.4907

■ 18.5244, 16.7932,
29.8692

■ 25.0544, 25.5247,
31.2104

■ 15.8518, 13.3226,
29.3402

■ 28.9423, 30.8365,
32.0307

■ 13.5520, 10.4119,
28.8995

■ 33.2645, 36.8106,
32.9560

■ 11.6069, 8.0305,
28.5424

■ 38.0343, 43.4690,
33.9898

■ 9.9968, 6.1448,
28.2633

■ 43.2645, 50.8327,
35.1355

8.6997, 4.7173,
28.0561

48.9674, 58.9220,
36.3963

7.6907, 3.7046,
27.9138

55.1547, 67.7561,
37.7754

6.9305, 3.0353,
27.8247

61.8379, 77.3536,
39.2757

6.7305, 2.8613,
27.8017

69.0279, 87.7326,
40.9000

Harmonies

Analogous

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



20.0786, 20.8509, 32.3752



21.5861, 20.8509, 30.4907



22.6602, 20.8509, 26.5336

Triad

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



21.5861, 20.8509, 30.4907



21.1141, 20.8509, 15.7791



16.9792, 20.8509, 23.4539

Complementary

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



21.5861, 20.8509, 30.4907



24.4284, 27.6763, 22.4678

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.



17.2243, 20.8509, 19.2602



21.5861, 20.8509, 30.4907



19.5599, 20.8509, 15.1792

Square

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



21.5861, 20.8509, 30.4907



22.3778, 20.8509, 18.1302



18.1495, 20.8509, 16.3691



17.4616, 20.8509, 27.9868

Rectangle

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



21.5861, 20.8509, 30.4907



22.9568, 20.8509, 23.4652



18.1495, 20.8509, 16.3691



16.9795, 20.8509, 21.9576

Sweetspot

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



21.5867, 20.8518, 30.4912



46.1345, 47.4311, 56.1582



22.4176, 24.4936, 31.1503



10.4338, 10.6946, 12.7992



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.



21.5867, 20.8518, 30.4912



36.7105, 34.7455, 54.2063



23.5976, 21.8884, 30.5853



5.6848, 5.7285, 7.2758



5.8601, 2.4935, 24.1035



0.1018, 0.0460, 0.2964

Inverse Universe

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



23.5802, 21.9579, 27.0409



40.9238, 37.0848, 46.8476



22.5146, 26.6897, 22.3782



5.9476, 5.8741, 6.8301



12.1985, 6.0844, 9.7921



0.1634, 0.0801, 0.1943

Previews

White Background



This preview shows how the XYZ color 21.5861, 20.8509, 30.4907 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 21.5861, 20.8509, 30.4907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

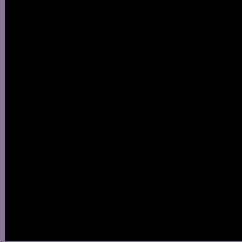
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5861, 20.8509, 30.4907

Background



This preview shows how black text looks on a background with the XYZ color 21.5861, 20.8509, 30.4907.



This preview shows how white text looks on a background with the XYZ color 21.5861, 20.8509,

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

21.5861, 20.8509, 30.4907

Protanopia

20.6436, 20.9021, 31.3802

Deuteranopia

21.2515, 20.8617, 30.5104



Tritanopia

20.5640, 20.8037, 25.4859

Trichromacy



Original Color

21.5861, 20.8509, 30.4907

Protanomaly

21.0104, 20.9134, 30.9463

Deuteranomaly

21.4027, 20.9396, 30.5175

Tritanomaly

20.9491, 20.7758, 27.3321

Monochromacy



Original Color

21.5861, 20.8509, 30.4907

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.8873, 21.3381, 25.9395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5861, 20.8509, 30.4907 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(131, 122, 147)` looks like.

```
.text, #text, p{  
    color:rgb(131, 122, 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(131, 122, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 122, 147) }
```

Border

The CSS property to change the border of an element to XYZ 21.5861, 20.8509, 30.4907 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(131, 122, 147) }
```


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

```
.border{ border-color:rgb(131, 122, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 122, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 122, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 122, 147);  
box-shadow:4px 4px 4px 4px rgb(131, 122,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5861, 20.8509, 30.4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 122, 147) }
```

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

```
.background{ background-color: rgb(131,  
122, 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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