

Converting Colors

XYZ(21.2500, 21.8295, 47.3495)

Have a look what the booklet for
XYZ(21.2500, 21.8295, 47.3495)
contains.

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Color

**XYZ(21.2500, 21.8295,
47.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	6082B6
RGB	96, 130, 182
RGB Percent	38%, 51%, 71%
CMY	0.6235, 0.4902, 0.2863
CMYK	0.47, 0.29, 0.00, 0.29
HSL	216°, 37%, 55%
HSV	216°, 47%, 71%
XYZ	21.2500, 21.8295, 47.3495
YIQ	125.7620, -36.9560, 8.9640

Conversions

Conversions Part 2

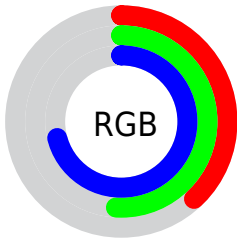
Format	Color
R _Y B	96, 120, 182
Decimal	6324918
CIE Lab	53.85, 2.41, -31.10
CIE LCh	54, 31.194, 274.426
Yxy	21.8295, 0.2350, 0.2414
Android (android.graphics.Color)	4284514998 (0xFF6082B6)
YUV	125.7620, 27.7253, -26.1013
Hunter-Lab	46.7221, -0.5787, -27.3808

Details

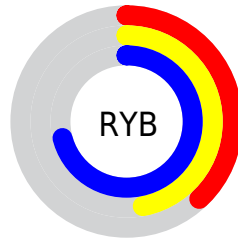
The XYZ color **21.2500, 21.8295, 47.3495** is a dark color, and the websafe version is hex **6699CC**, and the color name is **glaucous**. A complement of this color would be **31.9933, 31.9702, 15.5518**, and the grayscale version is **19.6690, 20.6933, 22.5351**.

A 20% lighter version of the original color is **44.9438, 46.5240, 87.5002**, and **7.8193, 7.9413, 21.8896** is the 20% darker color. If you saturate the color by 10%, you get **18.1659, 18.1819, 46.8084**, and if you desaturate by 10%, it is **24.9354, 26.0203, 47.9646**.

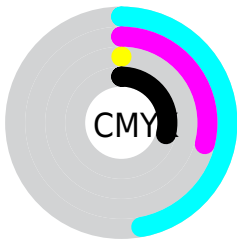
Distribution



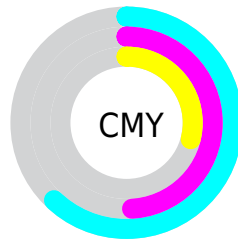
- Red (38%)
- Green (51%)
- Blue (71%)



- Red (38%)
- Yellow (47%)
- Blue (71%)



- Cyan (47%)
- Magenta (29%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2500, 21.8295, 47.3495 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 21.2500, 21.8295, 47.3495 by changing the saturation by 10% instead.

■ 21.2500, 21.8295,
47.3495

■ 21.2500, 21.8295,
47.3495

251.3108,
261.6546, 392.6419

■ 13.4204, 13.7317,
32.9557

■ 44.9914, 46.4640,
87.5905

■ 7.7976, 7.9343,
21.8217

■ 61.6338, 63.7695,
114.2748

■ 4.0164, 4.0529,
13.5289

■ 81.9446, 84.9130,
145.8931

■ 1.7114, 1.7032,
7.6587

■ 106.2891,
110.2790, 182.8638

■ 0.4634, 0.4257,
3.7927

135.0326,
140.2517, 225.6054

■ 0.0000, 0.0000,
1.5123

168.5404,

■ 0.0000, 0.0000,

175.2156, 274.5367

0.2271

207.1781,
215.5551, 330.0760

■ 0.0000, 0.0000,
0.0000

■ 21.2500, 21.8295,
47.3495

■ 21.2500, 21.8295,
47.3495

■ 18.1659, 18.1819,
46.8084

■ 24.9354, 26.0203,
47.9646

■ 15.6450, 15.0494,
46.3366

■ 29.2527, 30.7759,
48.6549

■ 13.6478, 12.4044,
45.9314

■ 34.2328, 36.1191,
49.4238

■ 12.1281, 10.2149,
45.5889

■ 39.9039, 42.0711,
50.2738

■ 11.0208, 8.4390,
45.3044

■ 46.2925, 48.6515,
51.2072

■ 10.7579, 8.0061,
45.2347

■ 53.4236, 55.8793,
52.2265

■ 61.3211, 63.7725,
53.3337

■ 70.0076, 72.3484,
54.5312

■ 77.7153, 80.7009,
55.7372

Harmonies

Analogous

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



18.0869, 21.8295, 44.6257



21.2500, 21.8295, 47.3495



24.6122, 21.8295, 42.4913

Triad

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



21.2500, 21.8295, 47.3495



26.5357, 21.8295, 14.7809



15.4575, 21.8295, 16.6537

Complementary

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



21.2500, 21.8295, 47.3495



31.9933, 31.9702, 15.5518

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.



17.3116, 21.8295, 11.5565



21.2500, 21.8295, 47.3495



23.6587, 21.8295, 10.6974

Square

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



21.2500, 21.8295, 47.3495



27.8656, 21.8295, 22.3715



20.2545, 21.8295, 9.6997



14.9595, 21.8295, 25.2227

Rectangle

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



21.2500, 21.8295, 47.3495



26.4485, 21.8295, 36.2145



20.2545, 21.8295, 9.6997



15.9322, 21.8295, 14.5612

Sweetspot

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



21.2508, 21.8303, 47.3500



65.0280, 68.6177, 90.0529



26.8662, 38.0687, 33.7841



13.8919, 14.6583, 19.8188



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



21.2508, 21.8303, 47.3500



32.5752, 32.5278, 84.7973



18.4060, 14.7231, 46.1281



8.8046, 9.2864, 11.4078



7.6581, 5.7758, 31.9643



0.3309, 0.3255, 1.1471

Inverse Universe

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



27.5042, 19.9233, 23.5159



45.6754, 29.9086, 34.5593



36.1620, 43.2308, 17.5056



9.1477, 9.0695, 10.1253



14.4791, 7.3654, 5.1438



0.5412, 0.2720, 0.3433

Previews

White Background



This preview shows how the XYZ color 21.2500, 21.8295, 47.3495 looks on a white background.

Color Contrast Check

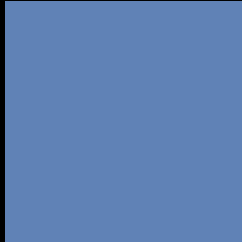
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2500, 21.8295, 47.3495 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

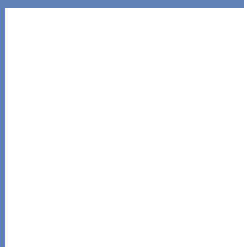
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2500, 21.8295, 47.3495

Background



This preview shows how black text looks on a background with the XYZ color 21.2500, 21.8295, 47.3495.

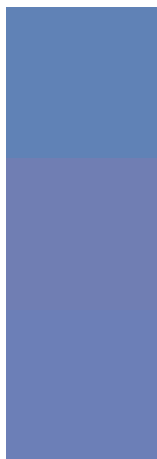


This preview shows how white text looks on a background with the XYZ color 21.2500, 21.8295,

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

21.2500, 21.8295, 47.3495

Protanopia

22.2796, 21.6211, 45.6469

Deuteranopia

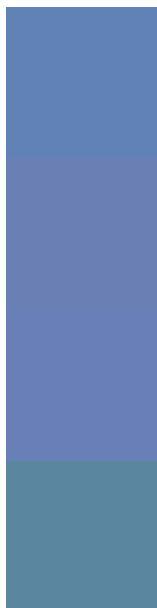
22.3210, 21.7858, 47.8284



Tritanopia

18.1287, 22.0079, 31.3094

Trichromacy



Original Color

21.2500, 21.8295, 47.3495

Protanomaly

21.7714, 21.5382, 46.1898

Deuteranomaly

21.9753, 21.8003, 47.8494

Tritanomaly

19.0867, 21.7619, 36.4522

Monochromacy



Original Color

21.2500, 21.8295, 47.3495

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8479, 20.8989, 30.1819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2500, 21.8295, 47.3495 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(96, 130, 182)` looks like.

```
.text, #text, p{  
    color:rgb(96, 130, 182)  
}
```

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(96, 130, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 130, 182) }
```

Border

The CSS property to change the border of an element to XYZ 21.2500, 21.8295, 47.3495 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(96, 130, 182) }
```


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

```
.border{ border-color:rgb(96, 130, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 130, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 130, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 130, 182);  
box-shadow:4px 4px 4px 4px rgb(96, 130,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2500, 21.8295, 47.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 130, 182) }
```

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

```
.background{ background-color: rgb(96, 130,  
182) }
```

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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