

Converting Colors

XYZ(21.9456, 23.8297, 47.6989)

Have a look what the booklet for
XYZ(21.9456, 23.8297, 47.6989)
contains.

XYZ(21.9456, 23.8297, 47.6989)	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(21.9456, 23.8297,
47.6989)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8AB6
RGB	92, 138, 182
RGB Percent	36%, 54%, 71%
CMY	0.6392, 0.4588, 0.2863
CMYK	0.49, 0.24, 0.00, 0.29
HSL	209°, 38%, 54%
HSV	209°, 49%, 71%
XYZ	21.9456, 23.8297, 47.6989
YIQ	129.2620, -41.5400, 3.9320

Conversions

Conversions Part 2

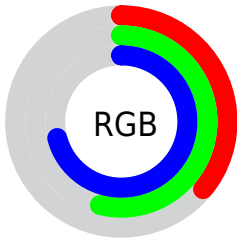
Format	Color
R_{YB}	92, 122, 182
Decimal	6064822
CIE _{Lab}	55.92, -3.24, -27.90
CIE _{LCh}	56, 28.089, 263.367
Yxy	23.8297, 0.2348, 0.2549
Android (android.graphics.Color)	4284254902 (0xFF5C8AB6)
YUV	129.2620, 25.9998, -32.6788
Hunter-Lab	48.8157, -5.1809, -23.7626

Details

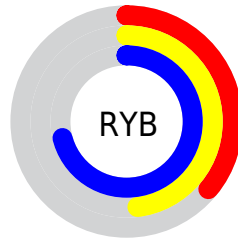
The XYZ color **21.9456, 23.8297, 47.6989** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.0280, 28.3269, 14.0111**, and the grayscale version is **20.8809, 21.9683, 23.9235**.

A 20% lighter version of the original color is **46.0960, 49.6377, 88.0404**, and **8.1453, 8.9218, 22.0616** is the 20% darker color. If you saturate the color by 10%, you get **19.1166, 20.5536, 47.2161**, and if you desaturate by 10%, it is **25.3176, 27.5419, 48.2382**.

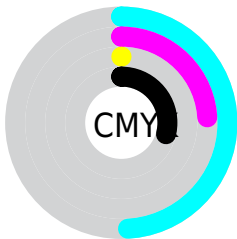
Distribution



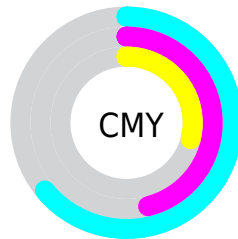
- Red (36%)
- Green (54%)
- Blue (71%)



- Red (36%)
- Yellow (48%)
- Blue (71%)



- Cyan (49%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9456, 23.8297, 47.6989 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 21.9456, 23.8297, 47.6989 by changing the saturation by 10% instead.

■ 21.9456, 23.8297,
47.6989

■ 21.9456, 23.8297,
47.6989

254.8998,
271.9584, 394.0716

■ 13.9333, 15.2073,
33.2302

■ 46.1356, 49.7522,
88.1168

■ 8.1557, 8.9650,
22.0303

■ 63.0440, 67.8210,
114.9031

■ 4.2474, 4.7184,
13.6806

■ 83.6485, 89.8075,
146.6323

■ 1.8430, 2.0830,
7.7627

■ 108.3145,
116.0961, 183.7231

■ 0.5434, 0.6550,
3.8579

137.4072,
147.0710, 226.5938

■ 0.0000, 0.0000,
1.5477

171.2921,

■ 0.0000, 0.0000,

183.1168, 275.6631

0.2531

210.3345,
224.6178, 331.3495

■ 0.0000, 0.0000,
0.0000

■ 21.9456, 23.8297,
47.6989

■ 21.9456, 23.8297,
47.6989

■ 19.1166, 20.5536,
47.2161

■ 25.3176, 27.5419,
48.2382

■ 16.7938, 17.6895,
46.7857

■ 29.2611, 31.7072,
48.8343

■ 14.9393, 15.2147,
46.4058

■ 33.8056, 36.3446,
49.4899

■ 13.5080, 13.1017,
46.0733

■ 38.9776, 41.4711,
50.2068

■ 12.4157, 11.3030,
45.7837

■ 44.8018, 47.1027,
50.9868

■ 12.3599, 11.2102,
45.7687

■ 51.3017, 53.2548,
51.8317

■ 58.4996, 59.9419,
52.7431

■ 66.4166, 67.1778,
53.7225

■ 74.7764, 74.8231,
54.7576

Harmonies

Analogous

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



19.1706, 23.8297, 42.8251



21.9456, 23.8297, 47.6989



25.1802, 23.8297, 45.7334

Triad

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



21.9456, 23.8297, 47.6989



28.7847, 23.8297, 19.5623



18.0591, 23.8297, 16.7829

Complementary

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



21.9456, 23.8297, 47.6989



30.0280, 28.3269, 14.0111

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.



20.2941, 23.8297, 12.8921



21.9456, 23.8297, 47.6989



26.5255, 23.8297, 14.2126

Square

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



21.9456, 23.8297, 47.6989



29.3323, 23.8297, 28.0372



23.3681, 23.8297, 12.0767



17.0675, 23.8297, 23.9624

Rectangle

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



21.9456, 23.8297, 47.6989



27.1458, 23.8297, 40.9926



23.3681, 23.8297, 12.0767



18.6792, 23.8297, 15.1226

Sweetspot

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



21.9464, 23.8306, 47.6995



65.0809, 69.6809, 90.2553



25.5508, 37.4952, 28.9982



13.9491, 14.9666, 19.8753



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.



21.9464, 23.8306, 47.6995



34.4031, 36.9587, 85.5562



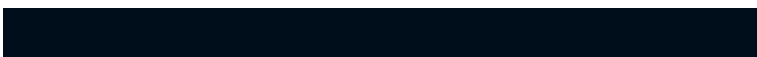
16.8163, 13.5704, 45.9894



8.8904, 9.4580, 11.4364



8.7951, 8.0500, 32.3433



0.3718, 0.4073, 1.1608

Inverse Universe

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



27.7067, 19.4352, 26.3367



46.4088, 29.4776, 40.6547



37.6461, 43.5631, 16.5504



9.1910, 9.0868, 10.3533



15.0531, 7.5950, 8.1662



0.5618, 0.2802, 0.4520

Previews

White Background



This preview shows how the XYZ color 21.9456, 23.8297, 47.6989 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 21.9456, 23.8297, 47.6989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

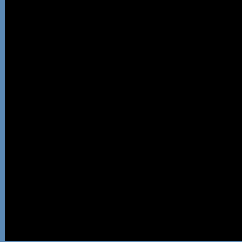
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9456, 23.8297, 47.6989

Background



This preview shows how black text looks on a background with the XYZ color 21.9456, 23.8297, 47.6989.

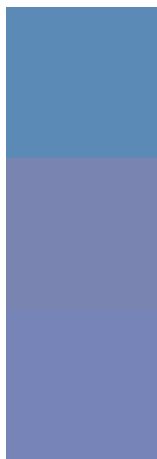


This preview shows how white text looks on a background with the XYZ color 21.9456, 23.8297,

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

21.9456, 23.8297, 47.6989

Protanopia

24.0722, 23.7418, 44.9089

Deuteranopia

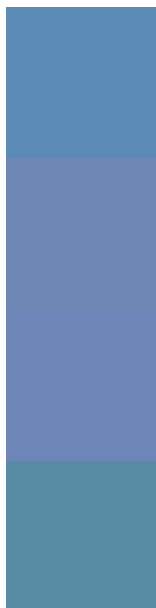
24.2697, 23.7730, 48.1092



Tritanopia

19.3061, 23.8505, 34.5964

Trichromacy



Original Color

21.9456, 23.8297, 47.6989

Protanomaly

23.0922, 23.6199, 45.9898

Deuteranomaly

23.3790, 23.7203, 48.1460

Tritanomaly

20.1542, 23.7448, 39.1183

Monochromacy



Original Color

21.9456, 23.8297, 47.6989

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7990, 22.3537, 31.2354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9456, 23.8297, 47.6989 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(92, 138, 182)` looks like.

```
.text, #text, p{  
    color:rgb(92, 138, 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(92, 138, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 138, 182) }
```

Border

The CSS property to change the border of an element to XYZ 21.9456, 23.8297, 47.6989 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(92, 138, 182) }
```


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

```
.border{ border-color:rgb(92, 138, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 138, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 138, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 138, 182);  
box-shadow:4px 4px 4px 4px rgb(92, 138,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9456, 23.8297, 47.6989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 138, 182) }
```

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

```
.background{ background-color: rgb(92, 138,  
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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