

Converting Colors

XYZ(22.3634, 22.2762, 52.2946)

Have a look what the booklet for
XYZ(22.3634, 22.2762, 52.2946)
contains.

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Color

**XYZ(22.4236, 22.3235,
52.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	6282BF
RGB	98, 130, 191
RGB Percent	38%, 51%, 75%
CMY	0.6157, 0.4902, 0.2510
CMYK	0.49, 0.32, 0.00, 0.25
HSL	219°, 42%, 57%
HSV	219°, 49%, 75%
XYZ	22.4236, 22.3235, 52.4172
YIQ	127.3860, -38.6530, 12.1870

Conversions

Conversions Part 2

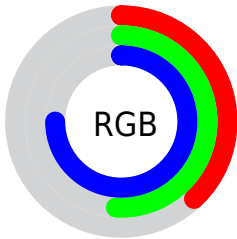
Format	Color
R_{YB}	98, 122, 191
Decimal	6455999
CIE _{Lab}	54.37, 5.64, -35.42
CIE _{LCh}	54, 35.869, 279.047
Yxy	22.3235, 0.2308, 0.2298
Android (android.graphics.Color)	4284646079 (0xFF6282BF)
YUV	127.3860, 31.3617, -25.7715
Hunter-Lab	47.2478, 2.0318, -32.7036

Details

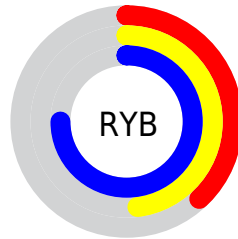
The XYZ color **22.4236, 22.3235, 52.4172** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **36.0895, 36.7557, 16.7488**, and the grayscale version is **20.2112, 21.2637, 23.1562**.

A 20% lighter version of the original color is **47.0136, 47.4166, 95.4814**, and **8.3722, 8.1624, 24.8012** is the 20% darker color. If you saturate the color by 10%, you get **19.0372, 18.2530, 51.8104**, and if you desaturate by 10%, it is **26.5063, 27.0549, 53.1157**.

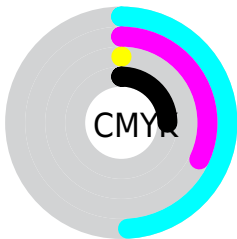
Distribution



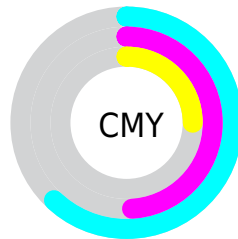
- Red (38%)
- Green (51%)
- Blue (75%)



- Red (38%)
- Yellow (48%)
- Blue (75%)



- Cyan (49%)
- Magenta (32%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4236, 22.3235, 52.4172 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 22.4236, 22.3235, 52.4172 by changing the saturation by 10% instead.

■ 22.4236, 22.3235,
52.4172

■ 22.4236, 22.3235,
52.4172

257.3415,
264.2310, 413.0478

■ 14.2868, 14.0948,
36.9532

■ 46.9188, 47.2801,
95.1791

■ 8.4035, 8.1866,
24.8757

■ 64.0079, 64.7768,
123.3140

■ 4.4081, 4.2146,
15.7663

■ 84.8119, 86.1316,
156.5097

■ 1.9355, 1.7943,
9.2064

■ 109.6960,
111.7289, 195.1846

■ 0.5974, 0.4836,
4.7774

139.0257,
141.9531, 239.7574

■ 0.0000, 0.0000,
2.0608

173.1662,

■ 0.0000, 0.0000,

177.1886, 290.6464

0.5923

212.4831,
217.8198, 348.2704

■ 0.0000, 0.0000,
0.0000

■ 22.4236, 22.3235,
52.4172

■ 22.4236, 22.3235,
52.4172

■ 19.0372, 18.2530,
51.8104

■ 26.5063, 27.0549,
53.1157

■ 16.3017, 14.8082,
51.2897

■ 31.3217, 32.4751,
53.9081

■ 14.1701, 11.9537,
50.8511

■ 36.9066, 38.6132,
54.7985

■ 12.5868, 9.6488,
50.4896

■ 43.2944, 45.4958,
55.7903

■ 11.4641, 7.8351,
50.1987

■ 50.5164, 53.1479,
56.8867

■ 11.3358, 7.6252,
50.1650

■ 58.6025, 61.5934,
58.0907

■ 67.5806, 70.8552,
59.4052

■ 77.4777, 80.9552,
60.8330

■ 82.6217, 88.9769,
62.1102

Harmonies

Analogous

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



18.6382, 22.3235, 50.5090



22.4236, 22.3235, 52.4172



26.3218, 22.3235, 45.1876

Triad

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



22.4236, 22.3235, 52.4172



27.6172, 22.3235, 13.0981



14.9359, 22.3235, 17.3836

Complementary

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



22.4236, 22.3235, 52.4172



36.0895, 36.7557, 16.7488

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.



16.8203, 22.3235, 11.1138



22.4236, 22.3235, 52.4172



24.0251, 22.3235, 9.2209

Square

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



22.4236, 22.3235, 52.4172



29.5536, 22.3235, 21.0718



20.0561, 22.3235, 8.6276



14.6184, 22.3235, 27.8564

Rectangle

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



22.4236, 22.3235, 52.4172



28.3501, 22.3235, 37.1661



20.0561, 22.3235, 8.6276



15.3949, 22.3235, 14.8190

Sweetspot

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



22.4244, 22.3243, 52.4177



69.8827, 73.2576, 98.7360



29.8790, 42.3430, 39.1503



14.8274, 15.5256, 21.6005



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



22.4244, 22.3243, 52.4177



33.9704, 32.5373, 92.7690



20.4484, 15.9395, 51.2895



9.2777, 9.7477, 12.0647



7.5179, 5.1476, 32.9902



0.3564, 0.3255, 1.3129

Inverse Universe

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



29.8835, 21.4244, 23.6801



49.1906, 32.0239, 33.8334



38.9789, 47.4970, 18.6698



9.6620, 9.5891, 10.6092



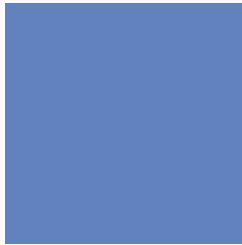
14.7955, 7.5493, 4.2166



0.6108, 0.3082, 0.3298

Previews

White Background



This preview shows how the XYZ color 22.4236, 22.3235, 52.4172 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 22.4236, 22.3235, 52.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

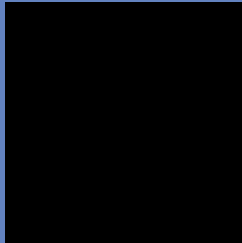
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

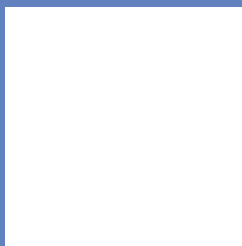
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4236, 22.3235, 52.4172

Background



This preview shows how black text looks on a background with the XYZ color 22.4236, 22.3235, 52.4172.

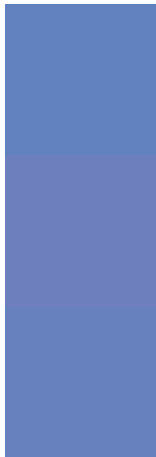


This preview shows how white text looks on a background with the XYZ color 22.4236, 22.3235,

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

22.4236, 22.3235, 52.4172

Protanopia

23.2112, 22.3637, 51.2374

Deuteranopia

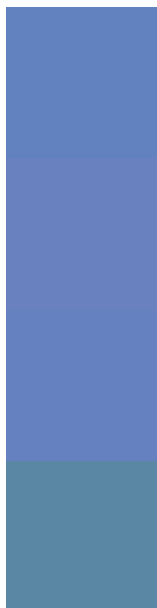
22.8477, 22.3457, 52.3992



Tritanopia

18.2596, 22.2782, 31.7715

Trichromacy



Original Color

22.4236, 22.3235, 52.4172

Protanomaly

22.9702, 22.4215, 51.8323

Deuteranomaly

22.6211, 22.2288, 52.3885

Tritanomaly

19.5813, 22.1819, 38.3715

Monochromacy



Original Color

22.4236, 22.3235, 52.4172

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4267, 21.3534, 31.8992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4236, 22.3235, 52.4172 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(98, 130, 191)` looks like.

```
.text, #text, p{  
    color:rgb(98, 130, 191)  
}
```

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(98, 130, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 130, 191) }
```

Border

The CSS property to change the border of an element to XYZ 22.4236, 22.3235, 52.4172 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(98, 130, 191) }
```


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

```
.border{ border-color:rgb(98, 130, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 130, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 130, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 130, 191);  
box-shadow:4px 4px 4px 4px rgb(98, 130,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4236, 22.3235, 52.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 130, 191) }
```

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

```
.background{ background-color: rgb(98, 130,  
191) }
```

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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