

Converting Colors

XYZ(22.6176, 25.4164, 51.2907)

Have a look what the booklet for
XYZ(22.6176, 25.4164, 51.2907)
contains.

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Color

**XYZ(22.6176, 25.4164,
51.2907)**

Conversions

Conversions Part 1

Format	Color
Hex	5390BC
RGB	83, 144, 188
RGB Percent	33%, 56%, 74%
CMY	0.6745, 0.4353, 0.2627
CMYK	0.56, 0.23, 0.00, 0.26
HSL	205°, 44%, 53%
HSV	205°, 56%, 74%
XYZ	22.6176, 25.4164, 51.2907
YIQ	130.7770, -50.4800, 0.7520

Conversions

Conversions Part 2

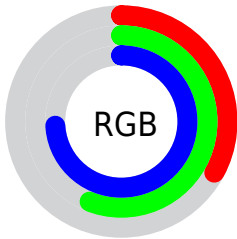
Format	Color
R _Y B	83, 122, 188
Decimal	5476540
CIE Lab	57.48, -6.88, -28.93
CIE LCh	57, 29.735, 256.626
Yxy	25.4164, 0.2277, 0.2559
Android (android.graphics.Color)	4283666620 (0xFF5390BC)
YUV	130.7770, 28.2109, -41.9004
Hunter-Lab	50.4147, -8.1450, -25.0300

Details

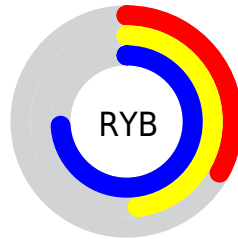
The XYZ color **22.6176, 25.4164, 51.2907** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.8904, 26.4955, 11.7232**, and the grayscale version is **21.4102, 22.5252, 24.5300**.

A 20% lighter version of the original color is **47.1707, 52.4088, 93.2177**, and **8.5570, 9.8480, 24.3715** is the 20% darker color. If you saturate the color by 10%, you get **20.0265, 22.3711, 50.8399**, and if you desaturate by 10%, it is **25.7434, 28.8619, 51.7915**.

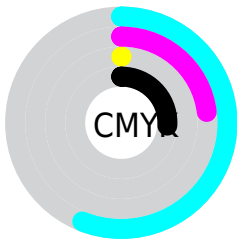
Distribution



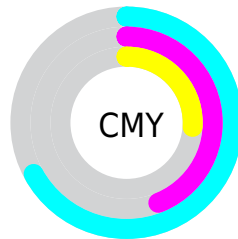
- Red (33%)
- Green (56%)
- Blue (74%)



- Red (33%)
- Yellow (48%)
- Blue (74%)



- Cyan (56%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6176, 25.4164, 51.2907 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 22.6176, 25.4164, 51.2907 by changing the saturation by 10% instead.

■ 22.6176, 25.4164,
51.2907

■ 22.6176, 25.4164,
51.2907

258.3270,
279.9053, 408.5709

■ 14.4305, 16.3876,
36.0617

■ 47.2360, 52.3319,
93.5002

■ 8.5044, 9.7988,
24.1918

■ 64.3980, 70.9874,
121.3178

■ 4.4739, 5.2658,
15.2624

■ 85.2823, 93.6206,
154.1687

■ 1.9736, 2.4040,
8.8551

■ 110.2544,
120.6158, 192.4713

■ 0.6190, 0.8280,
4.5513

139.6795,
152.3575, 236.6444

■ 0.0000, 0.0000,
1.9324

173.9231,

■ 0.0000, 0.0000,

189.2301, 287.1063

0.5132

213.3505,
231.6179, 344.2756

■ 0.0000, 0.0000,
0.0000

■ 22.6176, 25.4164,
51.2907

■ 22.6176, 25.4164,
51.2907

■ 20.0265, 22.3711,
50.8399

■ 25.7434, 28.8619,
51.7915

■ 17.9286, 19.7006,
50.4351

■ 29.4360, 32.7253,
52.3426

■ 16.2796, 17.3802,
50.0741

■ 33.7280, 37.0260,
52.9465

■ 15.0233, 15.3780,
49.7538

■ 38.6484, 41.7815,
53.6050

■ 14.5693, 14.6151,
49.6305

■ 44.2244, 47.0078,
54.3200

■ 50.4813, 52.7204,
55.0928

■ 57.4434, 58.9337,
55.9252

■ 65.1332, 65.6616,
56.8185

■ 73.5727, 72.9173,
57.7742

Harmonies

Analogous

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



19.7795, 25.4164, 44.3926



22.6176, 25.4164, 51.2907



26.1571, 25.4164, 50.8601

Triad

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



22.6176, 25.4164, 51.2907



31.2813, 25.4164, 22.4647



19.5416, 25.4164, 16.3328

Complementary

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



22.6176, 25.4164, 51.2907



29.8904, 26.4955, 11.7232

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.



22.2626, 25.4164, 12.8868



22.6176, 25.4164, 51.2907



29.1381, 25.4164, 15.7889

Square

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



22.6176, 25.4164, 51.2907



31.4002, 25.4164, 32.4307



25.7658, 25.4164, 12.7156



18.1242, 25.4164, 23.4070

Rectangle

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



22.6176, 25.4164, 51.2907



28.4484, 25.4164, 46.4438



25.7658, 25.4164, 12.7156



20.3214, 25.4164, 14.7962

Sweetspot

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



22.6185, 25.4173, 51.2913



68.6976, 74.4386, 96.9735



25.3657, 39.3318, 26.2492



14.3759, 15.6269, 20.8012



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



22.6185, 25.4173, 51.2913



35.3648, 39.3982, 91.9669



16.4507, 13.0818, 49.2354



9.4644, 10.1211, 12.1270



9.9942, 10.1002, 33.8157



0.4548, 0.5223, 1.3457

Inverse Universe

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



28.8670, 18.8923, 28.5117



48.3562, 28.3667, 44.0371



38.4712, 43.6570, 14.5835



9.7563, 9.6268, 11.1055



16.0454, 8.0493, 10.7986



0.6605, 0.3281, 0.5913

Previews

White Background



This preview shows how the XYZ color 22.6176, 25.4164, 51.2907 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 22.6176, 25.4164, 51.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

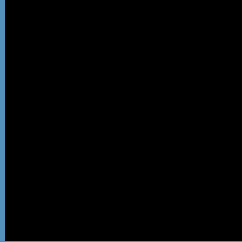
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6176, 25.4164, 51.2907

Background



This preview shows how black text looks on a background with the XYZ color 22.6176, 25.4164, 51.2907.

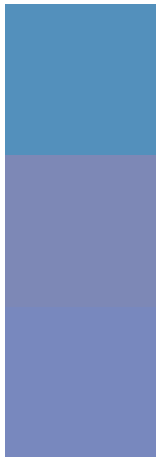


This preview shows how white text looks on a background with the XYZ color 22.6176, 25.4164,

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

22.6176, 25.4164, 51.2907

Protanopia

25.7051, 25.3457, 47.7934

Deuteranopia

25.8442, 25.3191, 52.2401



Tritanopia

19.9281, 25.4846, 37.5869

Trichromacy



Original Color

22.6176, 25.4164, 51.2907

Protanomaly

24.3148, 25.2409, 48.9379

Deuteranomaly

24.4813, 25.2652, 51.7305

Tritanomaly

20.8450, 25.3855, 42.3293

Monochromacy



Original Color

22.6176, 25.4164, 51.2907

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.4111, 23.4527, 33.1041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6176, 25.4164, 51.2907 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(83, 144, 188)` looks like.

```
.text, #text, p{  
    color:rgb(83, 144, 188)  
}
```

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(83, 144, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 144, 188) }
```

Border

The CSS property to change the border of an element to XYZ 22.6176, 25.4164, 51.2907 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(83, 144, 188) }
```


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

```
.border{ border-color:rgb(83, 144, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 144, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 144, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 144, 188);  
box-shadow:4px 4px 4px 4px rgb(83, 144,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6176, 25.4164, 51.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 144, 188) }
```

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

```
.background{ background-color: rgb(83, 144,  
188) }
```

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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