

Converting Colors

XYZ(23.8977, 27.1878, 53.2784)

Have a look what the booklet for
XYZ(23.8977, 27.1878, 53.2784)
contains.

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Color

**XYZ(23.8977, 27.1878,
53.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	5595BF
RGB	85, 149, 191
RGB Percent	33%, 58%, 75%
CMY	0.6666, 0.4157, 0.2510
CMYK	0.55, 0.22, 0.00, 0.25
HSL	204°, 45%, 54%
HSV	204°, 55%, 75%
XYZ	23.8977, 27.1878, 53.2784
YIQ	134.6520, -51.6260, -0.5060

Conversions

Conversions Part 2

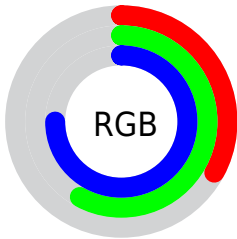
Format	Color
R _Y B	85, 125, 191
Decimal	5608895
CIE Lab	59.15, -8.33, -28.04
CIE LCh	59, 29.249, 253.447
Yxy	27.1878, 0.2290, 0.2605
Android (android.graphics.Color)	4283798975 (0xFF5595BF)
YUV	134.6520, 27.7796, -43.5448
Hunter-Lab	52.1419, -9.4382, -24.0829

Details

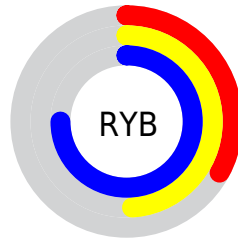
The XYZ color **23.8977, 27.1878, 53.2784** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.7157, 26.9120, 12.1709**, and the grayscale version is **22.8154, 24.0035, 26.1399**.

A 20% lighter version of the original color is **49.4545, 55.2400, 96.8628**, and **9.1142, 10.6607, 25.2443** is the 20% darker color. If you saturate the color by 10%, you get **21.2335, 24.0947, 52.8223**, and if you desaturate by 10%, it is **27.1095, 30.6798, 53.7837**.

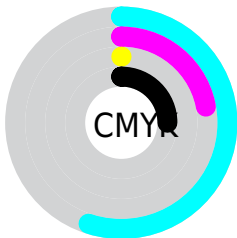
Distribution



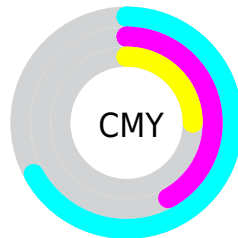
- Red (33%)
- Green (58%)
- Blue (75%)



- Red (33%)
- Yellow (49%)
- Blue (75%)



- Cyan (55%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8977, 27.1878, 53.2784 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 23.8977, 27.1878, 53.2784 by changing the saturation by 10% instead.

■ 23.8977, 27.1878,
53.2784

■ 23.8977, 27.1878,
53.2784

264.7530,
288.5653, 416.4489

■ 15.3821, 17.7143,
37.6358

■ 49.3191, 55.1851,
96.4596

■ 9.1760, 10.7451,
25.4005

■ 66.9556, 74.4777,
124.8353

■ 4.9142, 5.8957,
16.1540

■ 88.3631, 97.8121,
158.2924

■ 2.2313, 2.7818,
9.4776

■ 113.9069,
125.5727, 197.2496

■ 0.7591, 1.0189,
4.9530

143.9525,
158.1439, 242.1253

■ 0.0000, 0.0000,
2.1614

178.8651,

■ 0.0000, 0.0000,

195.9102, 293.3380

0.6520

219.0101,
239.2558, 351.3064

■ 0.0000, 0.0000,
0.0000

■ 23.8977, 27.1878,
53.2784

■ 23.8977, 27.1878,
53.2784

■ 21.2335, 24.0947,
52.8223

■ 27.1095, 30.6798,
53.7837

■ 19.0740, 21.3746,
52.4111

■ 30.9020, 34.5881,
54.3382

■ 17.3740, 19.0025,
52.0428

■ 35.3085, 38.9328,
54.9445

■ 16.0766, 16.9468,
51.7144

■ 40.3589, 43.7311,
55.6045

■ 15.5715, 16.0965,
51.5769

■ 46.0811, 48.9993,
56.3198

■ 52.5013, 54.7530,
57.0920

■ 59.6442, 61.0067,
57.9226

■ 67.5333, 67.7744,
58.8131

■ 75.4863, 74.7061,
59.7318

Harmonies

Analogous

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



21.0849, 27.1878, 45.6406



23.8977, 27.1878, 53.2784



27.5035, 27.1878, 53.6956

Triad

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



23.8977, 27.1878, 53.2784



33.2649, 27.1878, 25.1812



21.3200, 27.1878, 17.3030

Complementary

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



23.8977, 27.1878, 53.2784



30.7157, 26.9120, 12.1709

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.



24.2473, 27.1878, 14.0722



23.8977, 27.1878, 53.2784



31.2638, 27.1878, 17.8457

Square

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



23.8977, 27.1878, 53.2784



33.1488, 27.1878, 35.6898



27.8873, 27.1878, 14.2441



19.6951, 27.1878, 24.2507

Rectangle

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



23.8977, 27.1878, 53.2784



29.8947, 27.1878, 49.6796



27.8873, 27.1878, 14.2441



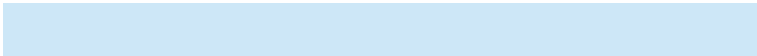
22.1717, 27.1878, 15.8280

Sweetspot

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



23.8986, 27.1888, 53.2791



70.5913, 76.7368, 99.3703



26.1202, 40.6905, 26.0933



15.0858, 16.4589, 21.7671



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.



23.8986, 27.1888, 53.2791



36.9534, 41.8414, 94.4077



17.4598, 14.3112, 51.1328



9.4827, 10.1577, 12.1330



10.3136, 10.7390, 33.9221



0.4662, 0.5450, 1.3495

Inverse Universe

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



30.1599, 19.7442, 30.6562



49.8815, 29.1805, 47.0892



39.1729, 43.8263, 14.9900



9.7655, 9.6305, 11.1541



16.2066, 8.1138, 11.6476



0.6662, 0.3304, 0.6215

Previews

White Background



This preview shows how the XYZ color 23.8977, 27.1878, 53.2784 looks on a white background.

Color Contrast Check

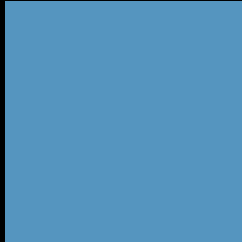
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8977, 27.1878, 53.2784 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 23.8977, 27.1878, 53.2784

Background



This preview shows how black text looks on a background with the XYZ color 23.8977, 27.1878, 53.2784.

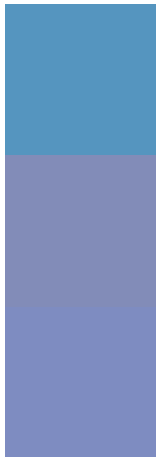


This preview shows how white text looks on a background with the XYZ color 23.8977, 27.1878,

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

23.8977, 27.1878, 53.2784

Protanopia

27.2357, 26.9627, 49.1162

Deuteranopia

27.6079, 27.0420, 54.2166



Tritanopia

21.3402, 27.3602, 40.2327

Trichromacy



Original Color

23.8977, 27.1878, 53.2784

Protanomaly

25.7315, 26.8102, 50.8324

Deuteranomaly

25.8924, 26.8302, 53.6832

Tritanomaly

22.1905, 27.2139, 44.6407

Monochromacy



Original Color

23.8977, 27.1878, 53.2784

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6306, 24.9046, 34.6247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8977, 27.1878, 53.2784 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(85, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(85, 149, 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(85, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 149, 191) }
```

Border

The CSS property to change the border of an element to XYZ 23.8977, 27.1878, 53.2784 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(85, 149, 191) }
```


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

```
.border{ border-color:rgb(85, 149, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 149, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 149, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 149, 191);  
box-shadow:4px 4px 4px 4px rgb(85, 149,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8977, 27.1878, 53.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 149, 191) }
```

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

```
.background{ background-color: rgb(85, 149,  
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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