

Converting Colors

XYZ(23.5248, 26.1840, 53.3252)

Have a look what the booklet for
XYZ(23.5248, 26.1840, 53.3252)
contains.

XYZ(23.5206, 26.2978, 53.1265)	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(23.5206, 26.2978,
53.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	5692BF
RGB	86, 146, 191
RGB Percent	34%, 57%, 75%
CMY	0.6627, 0.4274, 0.2510
CMYK	0.55, 0.24, 0.00, 0.25
HSL	206°, 45%, 54%
HSV	206°, 55%, 75%
XYZ	23.5206, 26.2978, 53.1265
YIQ	133.1900, -50.2050, 1.2750

Conversions

Conversions Part 2

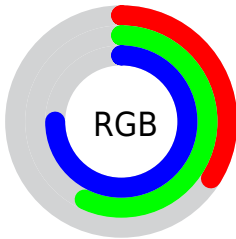
Format	Color
R _Y B	86, 124, 191
Decimal	5673663
CIE Lab	58.32, -6.43, -29.32
CIE LCh	58, 30.012, 257.633
Yxy	26.2978, 0.2285, 0.2555
Android (android.graphics.Color)	4283863743 (0xFF5692BF)
YUV	133.1900, 28.5003, -41.3856
Hunter-Lab	51.2814, -7.8720, -25.5263

Details

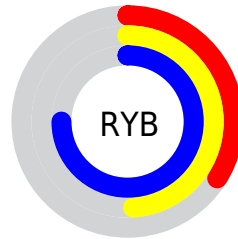
The XYZ color **23.5206, 26.2978, 53.1265** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.2828, 27.9820, 12.5574**, and the grayscale version is **22.2769, 23.4370, 25.5229**.

A 20% lighter version of the original color is **48.7529, 53.8366, 96.6289**, and **8.9867, 10.3206, 25.1853** is the 20% darker color. If you saturate the color by 10%, you get **20.7744, 23.0759, 52.6498**, and if you desaturate by 10%, it is **26.8288, 29.9446, 53.6565**.

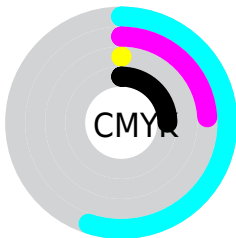
Distribution



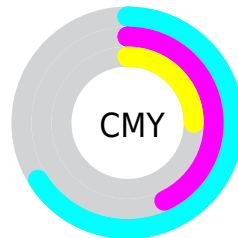
- Red (34%)
- Green (57%)
- Blue (75%)



- Red (34%)
- Yellow (49%)
- Blue (75%)



- Cyan (55%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5206, 26.2978, 53.1265 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 23.5206, 26.2978, 53.1265 by changing the saturation by 10% instead.

■ 23.5206, 26.2978,
53.1265

■ 23.5206, 26.2978,
53.1265

262.8734,
284.2409, 415.8503

■ 15.1012, 17.0466,
37.5153

■ 48.7071, 53.7550,
96.2339

■ 8.9772, 10.2677,
25.3078

■ 66.2050, 72.7297,
124.5673

■ 4.7833, 5.5768,
16.0855

■ 87.4597, 95.7144,
157.9784

■ 2.1541, 2.5895,
9.4296

■ 112.8366,
123.0934, 196.8859

■ 0.7184, 0.9214,
4.9218

142.7011,
155.2512, 241.7083

■ 0.0000, 0.0000,
2.1435

177.4185,

■ 0.0000, 0.0000,

192.5721, 292.8642

0.6415

217.3541,
235.4405, 350.7720

■ 0.0000, 0.0000,
0.0000

■ 23.5206, 26.2978,
53.1265

■ 23.5206, 26.2978,
53.1265

■ 20.7744, 23.0759,
52.6498

■ 26.8288, 29.9446,
53.6565

■ 18.5474, 20.2524,
52.2222

■ 30.7322, 34.0346,
54.2403

■ 16.7940, 17.8017,
51.8416

■ 35.2645, 38.5883,
54.8803

■ 15.4584, 15.6917,
51.5048

■ 40.4560, 43.6238,
55.5787

■ 14.8879, 14.7294,
51.3491

■ 46.3346, 49.1581,
56.3371

■ 52.9269, 55.2072,
57.1572

■ 60.2578, 61.7865,
58.0407

■ 68.3509, 68.9103,
58.9892

■ 76.1519, 76.0374,
59.9537

Harmonies

Analogous

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



20.5536, 26.2978, 46.2204



23.5206, 26.2978, 53.1265



27.1843, 26.2978, 52.4074

Triad

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



23.5206, 26.2978, 53.1265



32.3062, 26.2978, 22.9613



20.1556, 26.2978, 17.1027

Complementary

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



23.5206, 26.2978, 53.1265



31.2828, 27.9820, 12.5574

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.



22.9270, 26.2978, 13.4207



23.5206, 26.2978, 53.1265



30.0347, 26.2978, 16.1924

Square

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



23.5206, 26.2978, 53.1265



32.5048, 26.2978, 33.1629



26.5303, 26.2978, 13.1341



18.7418, 26.2978, 24.5372

Rectangle

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



23.5206, 26.2978, 53.1265



29.5350, 26.2978, 47.7062



26.5303, 26.2978, 13.1341



20.9463, 26.2978, 15.4727

Sweetspot

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



23.5215, 26.2988, 53.1271



71.1966, 76.9244, 99.3746



26.4819, 40.8457, 27.5206



15.1939, 16.4685, 21.7632



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.



23.5215, 26.2988, 53.1271



36.3058, 40.2229, 94.1294



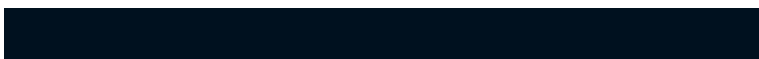
17.3124, 13.8806, 51.0574



9.4568, 10.1059, 12.1244



9.8653, 9.8423, 33.7727



0.4501, 0.5130, 1.3441

Inverse Universe

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



30.0027, 19.8082, 29.4371



49.6336, 29.3836, 44.8519



39.9454, 45.3073, 15.4450



9.7524, 9.6253, 11.0852



15.9803, 8.0233, 10.4558



0.6581, 0.3271, 0.5789

Previews

White Background



This preview shows how the XYZ color 23.5206, 26.2978, 53.1265 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 23.5206, 26.2978, 53.1265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

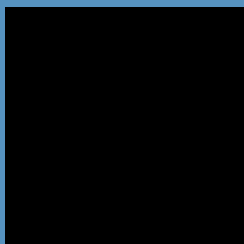
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

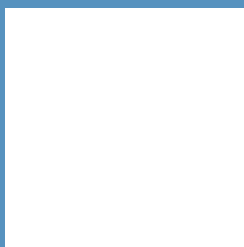
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5206, 26.2978, 53.1265

Background



This preview shows how black text looks on a background with the XYZ color 23.5206, 26.2978, 53.1265.

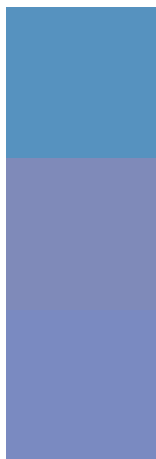


This preview shows how white text looks on a background with the XYZ color 23.5206, 26.2978,

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

23.5206, 26.2978, 53.1265

Protanopia

26.5978, 26.1918, 49.5526

Deuteranopia

26.7402, 26.1648, 54.0930



Tritanopia

20.6580, 26.3141, 38.6407

Trichromacy



Original Color

23.5206, 26.2978, 53.1265

Protanomaly

25.1766, 26.0824, 50.7212

Deuteranomaly

25.3460, 26.1067, 53.5724

Tritanomaly

21.5985, 26.2175, 43.4573

Monochromacy



Original Color

23.5206, 26.2978, 53.1265

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1237, 24.2231, 34.0813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5206, 26.2978, 53.1265 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(86, 146, 191)` looks like.

```
.text, #text, p{  
    color:rgb(86, 146, 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(86, 146, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 146, 191) }
```

Border

The CSS property to change the border of an element to XYZ 23.5206, 26.2978, 53.1265 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(86, 146, 191) }
```


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

```
.border{ border-color:rgb(86, 146, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 146, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 146, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 146, 191);  
box-shadow:4px 4px 4px 4px rgb(86, 146,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5206, 26.2978, 53.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 146, 191) }
```

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

```
.background{ background-color: rgb(86, 146,  
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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