

Converting Colors

XYZ(25.5581, 30.2209, 50.9576)

Have a look what the booklet for
XYZ(25.5581, 30.2209, 50.9576)
contains.

XYZ(25.6040, 30.3260, 50.9584)	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(25.6040, 30.3260,
50.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9EBA
RGB	93, 158, 186
RGB Percent	36%, 62%, 73%
CMY	0.6353, 0.3804, 0.2706
CMYK	0.50, 0.15, 0.00, 0.27
HSL	198°, 40%, 55%
HSV	198°, 50%, 73%
XYZ	25.6040, 30.3260, 50.9584
YIQ	141.7570, -47.7280, -5.0720

Conversions

Conversions Part 2

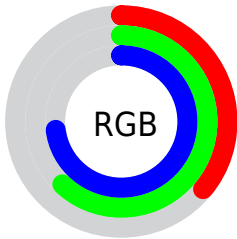
Format	Color
R_{YB}	93, 131, 186
Decimal	6135482
CIE _{Lab}	61.93, -13.01, -20.91
CIE _{LCh}	62, 24.625, 238.119
Yxy	30.3260, 0.2395, 0.2837
Android (android.graphics.Color)	4284325562 (0xFF5D9EBA)
YUV	141.7570, 21.8118, -42.7599
Hunter-Lab	55.0690, -13.3784, -16.3159

Details

The XYZ color **25.6040, 30.3260, 50.9584** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **29.0637, 24.9052, 13.6324**, and the grayscale version is **25.5462, 26.8766, 29.2686**.

A 20% lighter version of the original color is **52.2157, 60.3889, 92.9086**, and **10.1510, 12.5489, 24.0775** is the 20% darker color. If you saturate the color by 10%, you get **23.0120, 27.6045, 50.5703**, and if you desaturate by 10%, it is **28.6994, 33.3729, 51.3839**.

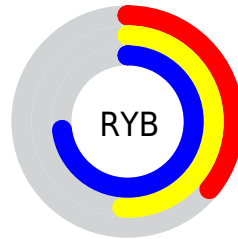
Distribution



Red (36%)

Green (62%)

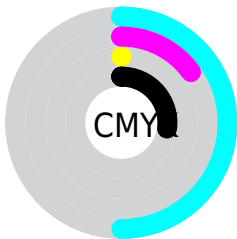
Blue (73%)



Red (36%)

Yellow (51%)

Blue (73%)

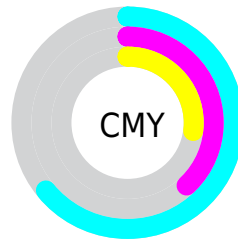


Cyan (50%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (64%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6040, 30.3260, 50.9584 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 25.6040, 30.3260, 50.9584 by changing the saturation by 10% instead.

■ 25.6040, 30.3260,
50.9584

■ 25.6040, 30.3260,
50.9584

273.1252,
303.4211, 407.2441

■ 16.6587, 20.0862,
35.7990

■ 52.0713, 60.1773,
93.0042

■ 10.0853, 12.4577,
23.9905

■ 70.3240, 80.5576,
120.7276

■ 5.5182, 7.0562,
15.1145

■ 92.4100, 105.0869,
153.4761

■ 2.5923, 3.4973,
8.7522

■ 118.6945,
134.1495, 191.6683

■ 0.9420, 1.3965,
4.4853

149.5429,
168.1298, 235.7226

■ 0.0000, 0.2142,
1.8952

185.3206,

■ 0.0000, 0.0000,

207.4122, 286.0577

0.4897

226.3929,
252.3812, 343.0920

■ 0.0000, 0.0000,
0.0000

■ 25.6040, 30.3260,
50.9584

■ 25.6040, 30.3260,
50.9584

■ 23.0120, 27.6045,
50.5703

■ 28.6994, 33.3729,
51.3839

■ 20.8860, 25.1864,
50.2156

■ 32.3261, 36.7585,
51.8463

■ 19.1881, 23.0518,
49.8931

■ 36.5134, 40.4995,
52.3476

■ 17.8722, 21.1762,
49.6004

■ 41.2877, 44.6101,
52.8894

■ 16.8460, 19.5112,
49.3331

■ 46.6734, 49.1037,
53.4729

■ 16.8458, 19.5108,
49.3330

■ 52.6935, 53.9931,
54.0994

■ 59.3700, 59.2903,
54.7700

■ 66.7235, 65.0066,
55.4857

■ 72.7571, 70.1133,
56.1534

Harmonies

Analogous

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



23.5870, 30.3260, 42.3361



25.6040, 30.3260, 50.9584



28.6164, 30.3260, 54.6902

Triad

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



25.6040, 30.3260, 50.9584



35.6348, 30.3260, 33.6194



25.9385, 30.3260, 19.4572

Complementary

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



25.6040, 30.3260, 50.9584



29.0637, 24.9052, 13.6324

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.



29.0325, 30.3260, 17.9962



25.6040, 30.3260, 50.9584



34.7838, 30.3260, 25.1816

Square

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



25.6040, 30.3260, 50.9584



34.5485, 30.3260, 43.5660



32.3031, 30.3260, 19.8790



23.7695, 30.3260, 24.3298

Rectangle

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



25.6040, 30.3260, 50.9584



30.8405, 30.3260, 53.4532



32.3031, 30.3260, 19.8790



26.8973, 30.3260, 18.5969

Sweetspot

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



25.6050, 30.3271, 50.9591



70.1566, 76.8605, 95.3393



25.5191, 38.8237, 24.2069



15.0526, 16.5825, 20.9500



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.



25.6050, 30.3271, 50.9591



41.2898, 49.5739, 91.5939



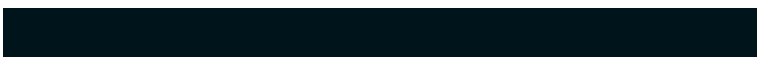
19.1283, 17.3738, 48.8002



9.0323, 9.7418, 11.4837



11.4013, 13.2623, 33.2120



0.4534, 0.5706, 1.1880

Inverse Universe

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



30.3365, 20.7375, 34.7526



51.2188, 31.5523, 57.1130



36.1184, 39.0145, 15.9839



9.2626, 9.1154, 10.7304



16.3685, 8.1212, 15.0934



0.6030, 0.2967, 0.6690

Previews

White Background



This preview shows how the XYZ color 25.6040, 30.3260, 50.9584 looks on a white background.

Color Contrast Check

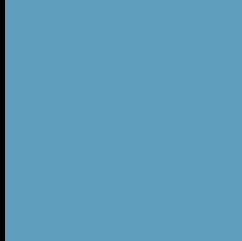
Large Text (above 18pt) WCAG AA × Fail

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 25.6040, 30.3260, 50.9584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

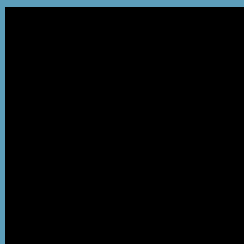
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

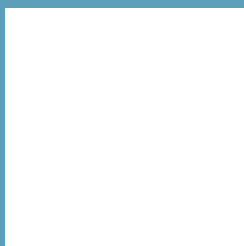
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6040, 30.3260, 50.9584

Background



This preview shows how black text looks on a background with the XYZ color 25.6040, 30.3260, 50.9584.

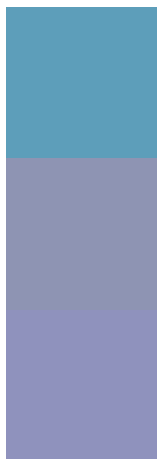


This preview shows how white text looks on a background with the XYZ color 25.6040, 30.3260,

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

25.6040, 30.3260, 50.9584

Protanopia

29.8819, 30.1853, 46.8992

Deuteranopia

30.7919, 30.0715, 52.3256



Tritanopia

24.2335, 30.2826, 44.1030

Trichromacy



Original Color

25.6040, 30.3260, 50.9584

Protanomaly

27.9839, 30.1190, 48.5946

Deuteranomaly

28.4409, 29.8035, 51.8306

Tritanomaly

24.6505, 30.1843, 46.6464

Monochromacy



Original Color

25.6040, 30.3260, 50.9584

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.0736, 27.9335, 36.4179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6040, 30.3260, 50.9584 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(93, 158, 186)` looks like.

```
.text, #text, p{  
    color:rgb(93, 158, 186)  
}
```

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(93, 158, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 158, 186) }
```

Border

The CSS property to change the border of an element to XYZ 25.6040, 30.3260, 50.9584 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(93, 158, 186) }
```


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

```
.border{ border-color:rgb(93, 158, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 158, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 158, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 158, 186);  
box-shadow:4px 4px 4px 4px rgb(93, 158,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6040, 30.3260, 50.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 158, 186) }
```

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

```
.background{ background-color: rgb(93, 158,  
186) }
```

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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