

Converting Colors

XYZ(23.6090, 29.5885, 37.7245)

Have a look what the booklet for
XYZ(23.6090, 29.5885, 37.7245)
contains.

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Color

**XYZ(23.6090, 29.5885,
37.7245)**

Conversions

Conversions Part 1

Format	Color
Hex	629EA0
RGB	98, 158, 160
RGB Percent	38%, 62%, 63%
CMY	0.6157, 0.3804, 0.3725
CMYK	0.39, 0.01, 0.00, 0.37
HSL	182°, 25%, 51%
HSV	182°, 39%, 63%
XYZ	23.6090, 29.5885, 37.7245
YIQ	140.2880, -36.4020, -12.0980

Conversions

Conversions Part 2

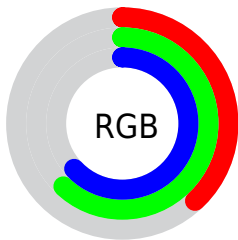
Format	Color
R_{YB}	98, 128, 160
Decimal	6463136
CIE _{Lab}	61.30, -18.88, -7.20
CIE _{LCh}	61, 20.201, 200.876
Yxy	29.5885, 0.2597, 0.3254
Android (android.graphics.Color)	4284653216 (0xFF629EA0)
YUV	140.2880, 9.7180, -37.0866
Hunter-Lab	54.3953, -17.7181, -3.0424

Details

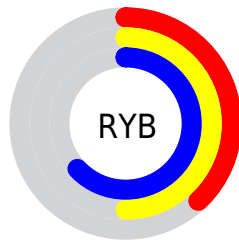
The XYZ color **23.6090, 29.5885, 37.7245** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2593, 17.4699, 13.8074**, and the grayscale version is **25.0135, 26.3161, 28.6583**.

A 20% lighter version of the original color is **49.0089, 59.1702, 73.1279**, and **8.9965, 11.9701, 16.3043** is the 20% darker color. If you saturate the color by 10%, you get **21.9647, 28.6113, 37.6230**, and if you desaturate by 10%, it is **25.6005, 30.7467, 37.8436**.

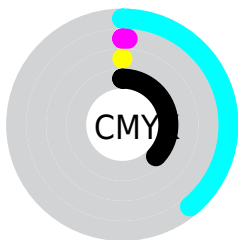
Distribution



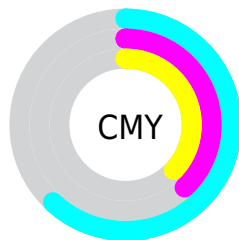
- Red (38%)
- Green (62%)
- Blue (63%)



- Red (38%)
- Yellow (50%)
- Blue (63%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6090, 29.5885, 37.7245 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 23.6090, 29.5885, 37.7245 by changing the saturation by 10% instead.

■ 23.6090, 29.5885,
37.7245

■ 23.6090, 29.5885,
37.7245

263.3150,
299.9816, 351.6994

■ 15.1670, 19.5265,
25.4688

■ 48.8507, 59.0108,
72.8844

■ 9.0237, 12.0513,
16.2045

■ 66.3811, 79.1399,
96.6257

■ 4.8139, 6.7786,
9.5130

■ 87.6718, 103.3934,
125.0325

■ 2.1721, 3.3240,
4.9759

■ 113.0879,
132.1557, 158.5234

■ 0.7280, 1.3032,
2.1747

142.9950,
165.8113, 197.5171

■ 0.0000, 0.1436,
0.6597

177.7583,

■ 0.0000, 0.0000,

204.7446, 242.4319

0.0000

217.7432,
249.3399, 293.6865

■ 23.6090, 29.5885,
37.7245

■ 23.6090, 29.5885,
37.7245

■ 21.9647, 28.6113,
37.6230

■ 25.6005, 30.7467,
37.8436

■ 20.6444, 27.8008,
37.5362

■ 27.9556, 32.0922,
37.9792

■ 19.6259, 27.1466,
37.4636

■ 30.6927, 33.6352,
38.1327

■ 18.8835, 26.6352,
37.4040

■ 33.8282, 35.3841,
38.3051

■ 18.3869, 26.2511,
37.3561

■ 37.3778, 37.3470,
38.4969

■ 18.0766, 25.9636,
37.3169

■ 41.3559, 39.5314,
38.7088

■ 18.0408, 25.9292,
37.3122

■ 45.7766, 41.9445,
38.9416

■ 50.6531, 44.5931,
39.1958

■ 55.9983, 47.4839,
39.4721

Harmonies

Analogous

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



23.3686, 29.5885, 29.9491



23.6090, 29.5885, 37.7245



25.0170, 29.5885, 44.9712

Triad

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



23.6090, 29.5885, 37.7245



32.2811, 29.5885, 42.3736



28.9420, 29.5885, 19.8088

Complementary

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



23.6090, 29.5885, 37.7245



21.2593, 17.4699, 13.8074

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.



31.4759, 29.5885, 22.1355



23.6090, 29.5885, 37.7245



33.4821, 29.5885, 34.5962

Square

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



23.6090, 29.5885, 37.7245



29.9855, 29.5885, 47.9356



33.1785, 29.5885, 27.2732



26.3392, 29.5885, 20.3755

Rectangle

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



23.6090, 29.5885, 37.7245



26.4802, 29.5885, 48.1356



33.1785, 29.5885, 27.2732



29.8324, 29.5885, 20.2628

Sweetspot

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



23.6099, 29.5897, 37.7252



53.9171, 60.0537, 69.1363



19.8621, 28.6403, 16.2946



11.6929, 13.0964, 15.1552



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.6099, 29.5897, 37.7252



40.3914, 52.2562, 68.3441



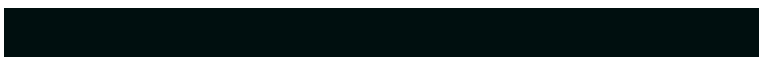
19.0975, 20.5650, 36.2211



6.8035, 7.4728, 8.4905



14.0597, 20.2110, 29.0673



0.2565, 0.3716, 0.5214

Inverse Universe

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



25.0371, 18.6782, 34.6348



43.3590, 29.8172, 61.8628



24.6894, 24.3301, 14.9507



6.8949, 6.7509, 8.2978



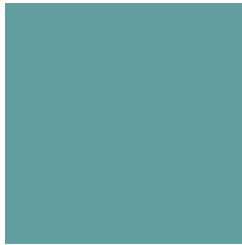
15.8949, 7.6625, 24.7613



0.2868, 0.1380, 0.4563

Previews

White Background



This preview shows how the XYZ color 23.6090, 29.5885, 37.7245 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 23.6090, 29.5885, 37.7245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

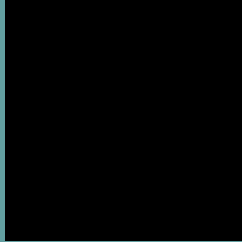
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6090, 29.5885, 37.7245

Background



This preview shows how black text looks on a background with the XYZ color 23.6090, 29.5885, 37.7245.

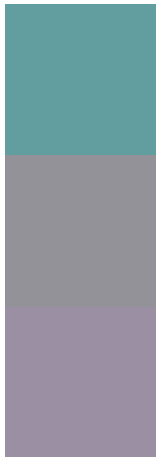


This preview shows how white text looks on a background with the XYZ color 23.6090, 29.5885,

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

23.6090, 29.5885, 37.7245

Protanopia

28.2414, 29.1536, 34.2757

Deuteranopia

29.7597, 29.1593, 38.7101



Tritanopia

24.4739, 29.6878, 41.9765

Trichromacy



Original Color

23.6090, 29.5885, 37.7245

Protanomaly

26.1130, 28.9588, 35.6658

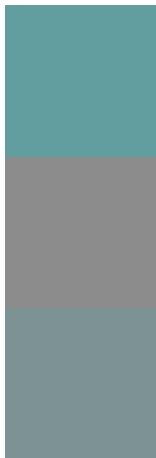
Deuteranomaly

26.9430, 28.8568, 38.3323

Tritanomaly

24.0855, 29.5198, 40.5048

Monochromacy



Original Color

23.6090, 29.5885, 37.7245

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1576, 27.3340, 31.6065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6090, 29.5885, 37.7245 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, 158, 160)` looks like.

```
.text, #text, p{  
    color:rgb(98, 158, 160)  
}
```

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, 158, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 158, 160) }
```

Border

The CSS property to change the border of an element to XYZ 23.6090, 29.5885, 37.7245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

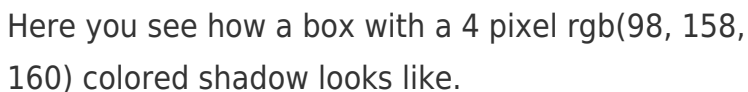
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 158, 160) }
```


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

```
.border{ border-color:rgb(98, 158, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 158, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 158, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 158, 160); box-shadow:4px 4px 4px 4px rgb(98, 158, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6090, 29.5885, 37.7245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 158, 160) }
```

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

```
.background{ background-color: rgb(98, 158,  
160) }
```

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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