

Converting Colors

XYZ(23.8730, 27.9453, 37.9405)

Have a look what the booklet for
XYZ(23.8730, 27.9453, 37.9405)
contains.

XYZ(23.9300, 28.0214, 37.8656)	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(23.9300, 28.0214,
37.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	6E97A1
RGB	110, 151, 161
RGB Percent	43%, 59%, 63%
CMY	0.5686, 0.4078, 0.3686
CMYK	0.32, 0.06, 0.00, 0.37
HSL	192°, 21%, 53%
HSV	192°, 32%, 63%
XYZ	23.9300, 28.0214, 37.8656
YIQ	139.8810, -27.6460, -5.5820

Conversions

Conversions Part 2

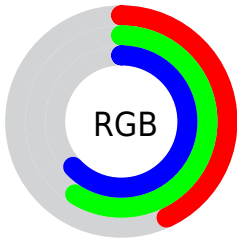
Format	Color
R_{YB}	110, 133, 161
Decimal	7247777
CIE _{Lab}	59.91, -11.47, -9.77
CIE _{LCh}	60, 15.065, 220.427
Y _{xy}	28.0214, 0.2664, 0.3120
Android (android.graphics.Color)	4285437857 (0xFF6E97A1)
YUV	139.8810, 10.4117, -26.2056
Hunter-Lab	52.9352, -11.9436, -5.3566

Details

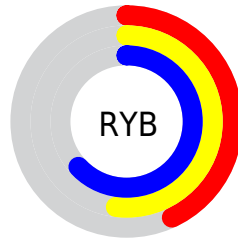
The XYZ color **23.9300, 28.0214, 37.8656** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.2292, 22.1360, 17.7481**, and the grayscale version is **24.8503, 26.1444, 28.4713**.

A 20% lighter version of the original color is **49.3302, 56.4070, 73.2534**, and **9.1810, 11.1791, 16.1419** is the 20% darker color. If you saturate the color by 10%, you get **21.6050, 26.0794, 37.6138**, and if you desaturate by 10%, it is **26.6343, 30.1804, 38.1403**.

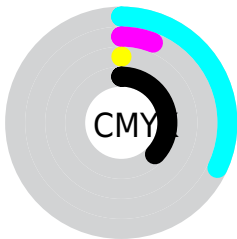
Distribution



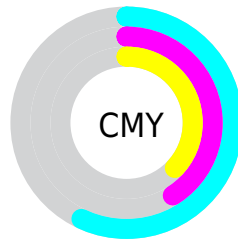
- Red (43%)
- Green (59%)
- Blue (63%)



- Red (43%)
- Yellow (52%)
- Blue (63%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (57%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9300, 28.0214, 37.8656 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 23.9300, 28.0214, 37.8656 by changing the saturation by 10% instead.

■ 23.9300, 28.0214,
37.8656

■ 23.9300, 28.0214,
37.8656

264.9134,
292.5692, 352.3240

■ 15.4062, 18.3418,
25.5774

■ 49.3715, 56.5186,
73.1032

■ 9.1931, 11.1957,
16.2848

■ 67.0198, 76.1050,
96.8897

■ 4.9255, 6.1986,
9.5694

■ 88.4403, 99.7624,
125.3460

■ 2.2379, 2.9662,
5.0125

■ 113.9984,
127.8753, 158.8907

■ 0.7626, 1.1141,
2.1958

144.0594,
160.8280, 197.9423

■ 0.0000, 0.0000,
0.6719

178.9887,

■ 0.0000, 0.0000,

199.0050, 242.9193

0.0000

219.1516,
242.7906, 294.2404

■ 23.9300, 28.0214,
37.8656

■ 23.9300, 28.0214,
37.8656

■ 21.6050, 26.0794,
37.6138

■ 26.6343, 30.1804,
38.1403

■ 19.6369, 24.3408,
37.3819

■ 29.7336, 32.5628,
38.4368

■ 18.0048, 22.7953,
37.1696

■ 33.2460, 35.1786,
38.7565

■ 16.6847, 21.4304,
36.9757

■ 37.1875, 38.0363,
39.1004

■ 15.6490, 20.2316,
36.7989

■ 41.5733, 41.1438,
39.4690

■ 14.8651, 19.1820,
36.6377

■ 46.4180, 44.5088,
39.8632

■ 14.3411, 18.3893,
36.5123

■ 51.7352, 48.1385,
40.2836

■ 57.5383, 52.0399,
40.7308

■ 63.8398, 56.2196,
41.2054

Harmonies

Analogous

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



23.1767, 28.0214, 32.4573



23.9300, 28.0214, 37.8656



25.4199, 28.0214, 41.5534

Triad

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



23.9300, 28.0214, 37.8656



30.2524, 28.0214, 34.1781



25.9732, 28.0214, 21.2772

Complementary

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



23.9300, 28.0214, 37.8656



24.2292, 22.1360, 17.7481

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.



27.8851, 28.0214, 21.6211



23.9300, 28.0214, 37.8656



30.4180, 28.0214, 28.6432

Square

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



23.9300, 28.0214, 37.8656



29.0911, 28.0214, 39.2543



29.5333, 28.0214, 24.1755



24.3184, 28.0214, 23.1724

Rectangle

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



23.9300, 28.0214, 37.8656



26.6609, 28.0214, 42.3056



29.5333, 28.0214, 24.1755



26.6061, 28.0214, 21.1410

Sweetspot

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



23.9308, 28.0225, 37.8662



54.1384, 58.9869, 68.9187



22.5267, 30.1456, 22.1952



11.7010, 12.8067, 15.0989



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.



23.9308, 28.0225, 37.8662



39.8578, 47.6974, 67.4923



20.3440, 20.8489, 36.6706



7.1576, 7.7742, 9.0264



11.4823, 14.7439, 29.1705



0.2698, 0.3668, 0.6224

Inverse Universe

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



25.8604, 20.9639, 31.9628



43.9420, 33.3137, 54.8725



27.6154, 28.9084, 18.8768



7.3045, 7.1783, 8.5900



14.9412, 7.3325, 17.4128



0.3283, 0.1598, 0.4416

Previews

White Background



This preview shows how the XYZ color 23.9300, 28.0214, 37.8656 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 23.9300, 28.0214, 37.8656 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

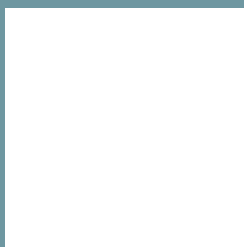
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9300, 28.0214, 37.8656

Background



This preview shows how black text looks on a background with the XYZ color 23.9300, 28.0214, 37.8656.



This preview shows how white text looks on a background with the XYZ color 23.9300, 28.0214,

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

23.9300, 28.0214, 37.8656

Protanopia

27.1509, 27.8849, 35.4038

Deuteranopia

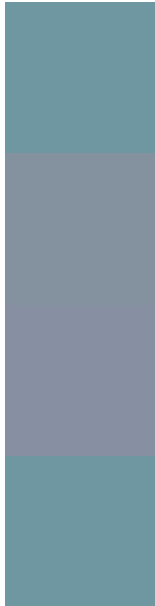
28.3834, 27.7901, 38.5184



Tritanopia

24.1079, 28.0926, 38.8021

Trichromacy



Original Color

23.9300, 28.0214, 37.8656

Protanomaly

25.8105, 27.8517, 36.3633

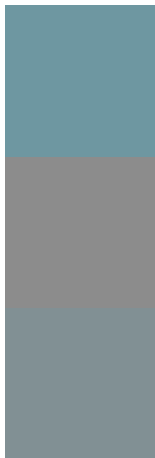
Deuteranomaly

26.4865, 27.7060, 38.1342

Tritanomaly

24.0186, 28.0568, 38.3320

Monochromacy



Original Color

23.9300, 28.0214, 37.8656

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.3718, 26.7518, 31.8960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9300, 28.0214, 37.8656 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(110, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 151, 161)  
}
```

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(110, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 151, 161) }
```

Border

The CSS property to change the border of an element to XYZ 23.9300, 28.0214, 37.8656 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(110, 151, 161) }
```


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

```
.border{ border-color:rgb(110, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 151,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9300, 28.0214, 37.8656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 151, 161) }
```

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

```
.background{ background-color: rgb(110,  
151, 161) }
```

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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