

Converting Colors

XYZ(23.6301, 25.5657, 37.3635)

Have a look what the booklet for
XYZ(23.6301, 25.5657, 37.3635)
contains.

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Color

**XYZ(23.7036, 25.6160,
37.4133)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 788DA1 |
| RGB | 120, 141, 161 |
| RGB Percent | 47%, 55%, 63% |
| CMY | 0.5294, 0.4470, 0.3686 |
| CMYK | 0.25, 0.12, 0.00, 0.37 |
| HSL | 209°, 18%, 55% |
| HSV | 209°, 25%, 63% |
| XYZ | 23.7036, 25.6160, 37.4133 |
| YIQ | 137.0010, -18.9360, 1.7680 |

Conversions

Conversions Part 2

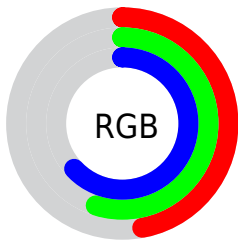
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 120, 134, 161 |
| Decimal | 7900577 |
| CIE _{Lab} | 57.67, -2.82, -13.06 |
| CIE _{LCh} | 58, 13.366, 257.806 |
| Yxy | 25.6160, 0.2733, 0.2953 |
| Android (android.graphics.Color) | 4286090657 (0xFF788DA1) |
| YUV | 137.0010, 11.8315, -14.9099 |
| Hunter-Lab | 50.6123, -4.9733, -8.3994 |

Details

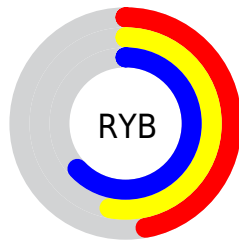
The XYZ color **23.7036, 25.6160, 37.4133** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4665, 27.6894, 21.6668**, and the grayscale version is **23.7407, 24.9770, 27.2000**.

A 20% lighter version of the original color is **49.1434, 52.8723, 72.5810**, and **9.0272, 9.8884, 15.9009** is the 20% darker color. If you saturate the color by 10%, you get **20.5387, 22.3265, 36.9456**, and if you desaturate by 10%, it is **27.3277, 29.2654, 37.9271**.

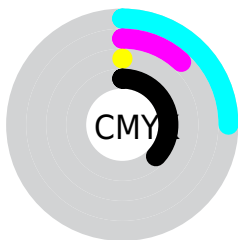
Distribution



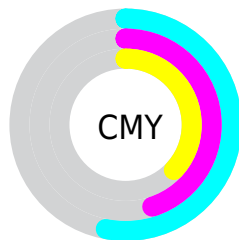
- Red (47%)
- Green (55%)
- Blue (63%)



- Red (47%)
- Yellow (53%)
- Blue (63%)



- Cyan (25%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (53%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7036, 25.6160, 37.4133 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 23.7036, 25.6160, 37.4133 by changing the saturation by 10% instead.

■ 23.7036, 25.6160,
37.4133

■ 23.7036, 25.6160,
37.4133

263.7869,
280.8919, 350.3189

■ 15.2374, 16.5366,
25.2294

■ 49.0043, 52.6548,
72.4014

■ 9.0736, 9.9046,
16.0274

■ 66.5695, 71.3830,
96.0426

■ 4.8467, 5.3358,
9.3890

■ 87.8985, 94.0962,
124.3401

■ 2.1914, 2.4456,
4.8955

113.3566,
121.1789, 157.7122

■ 0.7382, 0.8492,
2.1284

143.3091,
153.0154, 196.5776

■ 0.0000, 0.0000,
0.6326

178.1214,

■ 0.0000, 0.0000,

189.9902, 241.3549

0.0000

218.1589,
232.4875, 292.4624

■ 23.7036, 25.6160,
37.4133

■ 23.7036, 25.6160,
37.4133

■ 20.5387, 22.3265,
36.9456

■ 27.3277, 29.2654,
37.9271

■ 17.8101, 19.3807,
36.5208

■ 31.4277, 33.2838,
38.4867

■ 15.4965, 16.7657,
36.1380

■ 36.0223, 37.6839,
39.0938

■ 13.5736, 14.4662,
35.7955

■ 41.1285, 42.4768,
39.7498

■ 12.0145, 12.4656,
35.4915

■ 46.7624, 47.6729,
40.4558

■ 10.7881, 10.7450,
35.2240

■ 52.9396, 53.2826,
41.2130

■ 9.8548, 9.2809,
34.9906

■ 59.6746, 59.3154,
42.0225

■ 9.4859, 8.6789,
34.8939

■ 66.9817, 65.7807,
42.8853

■ 71.1370, 70.7609,
43.6276

Harmonies

Analogous

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



22.3401, 25.6160, 34.9366



23.7036, 25.6160, 37.4133



25.2995, 25.6160, 37.1426

Triad

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



23.7036, 25.6160, 37.4133



27.3933, 25.6160, 25.2847



22.1398, 25.6160, 22.3858

Complementary

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



23.7036, 25.6160, 37.4133



27.4665, 27.6894, 21.6668

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.



23.4191, 25.6160, 20.3201



23.7036, 25.6160, 37.4133



26.4711, 25.6160, 21.8635

Square

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



23.7036, 25.6160, 37.4133



27.4776, 25.6160, 29.7929



25.0024, 25.6160, 20.1400



21.4641, 25.6160, 26.0727

Rectangle

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



23.7036, 25.6160, 37.4133



26.2809, 25.6160, 35.4426



25.0024, 25.6160, 20.1400



22.5109, 25.6160, 21.4971

Sweetspot

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



23.7044, 25.6170, 37.4139



54.2264, 57.6091, 68.6482



25.2112, 31.3714, 29.4672



11.6572, 12.4047, 15.0236



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.



23.7044, 25.6170, 37.4139



38.8890, 42.1980, 66.4819



20.9783, 20.1648, 36.5052



6.9864, 7.4317, 8.9693



7.6170, 7.0134, 27.8820



0.2072, 0.2417, 0.6016

Inverse Universe

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



26.2228, 22.9337, 28.2450



44.3224, 36.7946, 46.6135



30.7144, 34.1852, 22.7495



7.2181, 7.1437, 8.1349



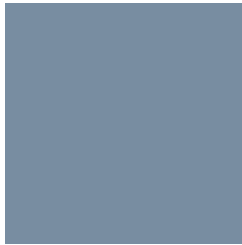
12.9902, 6.5521, 7.1388



0.2968, 0.1472, 0.2753

Previews

White Background



This preview shows how the XYZ color 23.7036, 25.6160, 37.4133 looks on a white background.

Color Contrast Check

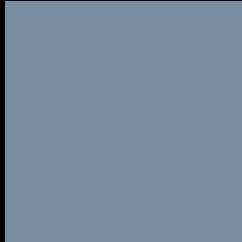
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7036, 25.6160, 37.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

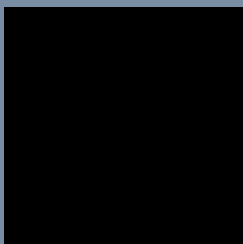
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

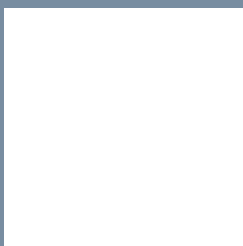
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7036, 25.6160, 37.4133

Background



This preview shows how black text looks on a background with the XYZ color 23.7036, 25.6160, 37.4133.



This preview shows how white text looks on a background with the XYZ color 23.7036, 25.6160,

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

23.7036, 25.6160, 37.4133

Protanopia

25.1089, 25.5108, 35.9485

Deuteranopia

26.0008, 25.5120, 37.7363



Tritanopia

22.9769, 25.5306, 34.2887

Trichromacy



Original Color

23.7036, 25.6160, 37.4133

Protanomaly

24.5524, 25.4260, 36.4145

Deuteranomaly

25.1401, 25.4865, 37.7768

Tritanomaly

23.3666, 25.7023, 35.6278

Monochromacy



Original Color

23.7036, 25.6160, 37.4133

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6369, 25.0776, 30.7888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7036, 25.6160, 37.4133 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(120, 141, 161)` looks like.

```
.text, #text, p{  
    color:rgb(120, 141, 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(120, 141, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 141, 161) }
```

Border

The CSS property to change the border of an element to XYZ 23.7036, 25.6160, 37.4133 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(120, 141, 161) }
```


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

```
.border{ border-color:rgb(120, 141, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 141, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 141, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 141, 161);  
box-shadow:4px 4px 4px 4px rgb(120, 141,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7036, 25.6160, 37.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 141, 161) }
```

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

```
.background{ background-color: rgb(120,  
141, 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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