

Converting Colors

XYZ(26.3044, 37.2570, 23.4767)

Have a look what the booklet for
XYZ(26.3044, 37.2570, 23.4767)
contains.

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Color

**XYZ(26.3935, 37.4433,
23.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	70B478
RGB	112, 180, 120
RGB Percent	44%, 71%, 47%
CMY	0.5608, 0.2941, 0.5294
CMYK	0.38, 0.00, 0.33, 0.29
HSL	127°, 31%, 57%
HSV	127°, 38%, 71%
XYZ	26.3935, 37.4433, 23.6055
YIQ	152.8280, -21.2680, -33.0760

Conversions

Conversions Part 2

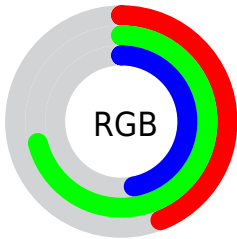
Format	Color
RYB	112, 173, 180
Decimal	7386232
CIELab	67.61, -34.18, 24.00
CIElCh	68, 41.764, 144.917
Yxy	37.4433, 0.3018, 0.4282
Android (android.graphics.Color)	4285576312 (0xFF70B478)
YUV	152.8280, -16.1842, -35.8062
Hunter-Lab	61.1909, -30.0917, 19.9615

Details

The XYZ color **26.3935, 37.4433, 23.6055** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.0641, 24.2709, 42.0259**, and the grayscale version is **30.2790, 31.8559, 34.6910**.

A 20% lighter version of the original color is **53.2642, 71.1150, 50.4544**, and **10.5902, 16.5943, 8.6061** is the 20% darker color. If you saturate the color by 10%, you get **23.4429, 36.0256, 18.8466**, and if you desaturate by 10%, it is **29.9638, 39.1642, 29.2297**.

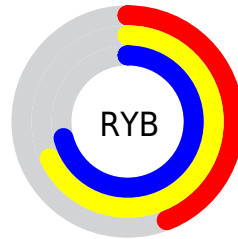
Distribution



Red (44%)

Green (71%)

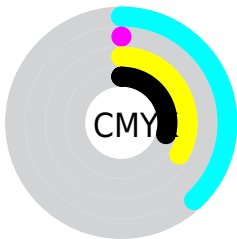
Blue (47%)



Red (44%)

Yellow (68%)

Blue (71%)

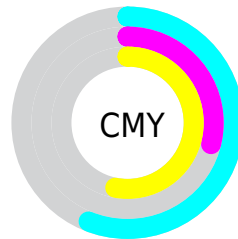


Cyan (38%)

Magenta (0%)

Yellow (33%)

Black (29%)



Cyan (56%)


Magenta (29%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3935, 37.4433, 23.6055 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 26.3935, 37.4433, 23.6055 by changing the saturation by 10% instead.


 26.3935, 37.4433,
23.6055


 26.3935, 37.4433,
23.6055


276.9298,
335.2258, 284.0419


 17.2525, 25.5509,
14.8318


 53.3359, 71.2541,
50.3214

 10.5111, 16.4880,
8.5561


 71.8679, 93.9412,
69.1006

 5.8040, 9.8701,
4.3599


 94.2610, 120.9954,
92.0521

 2.7658, 5.3129,
1.8248

120.8806,
152.8010, 119.5943

 1.0311, 2.4320,
0.4442

152.0918,
189.7425, 152.1459

 0.0000, 0.8423,
0.0000

188.2602,

 0.0000, 0.0000,

232.2042, 190.1253

0.0000

229.7511,
280.5705, 233.9512

■ 26.3935, 37.4433,
23.6055

■ 26.3935, 37.4433,
23.6055

■ 23.4429, 36.0256,
18.8466

■ 29.9638, 39.1642,
29.2297

■ 21.0738, 34.8890,
14.9076

■ 34.1834, 41.1994,
35.7564

■ 19.2482, 34.0160,
11.7429


■ 39.0835, 43.5653,
43.2238


■ 17.9224, 33.3852,
9.3015


■ 44.6924, 46.2757,
51.6671


■ 17.0459, 32.9718,
7.5262


■ 51.0368, 49.3437,
61.1198


 16.5444, 32.7387,
6.3504

 58.1421, 52.7817,
71.6137

 16.4590, 32.6988,
6.1622

 66.0322, 56.6014,
83.1791

 74.3600, 60.6232,
95.8281

 75.6120, 61.1240,
102.4207

Harmonies

Analogous

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



30.6263, 37.4433, 16.3368



26.3935, 37.4433, 23.6055



24.6322, 37.4433, 37.7095

Triad

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



26.3935, 37.4433, 23.6055



34.5036, 37.4433, 87.2313



48.0309, 37.4433, 27.5885

Complementary

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



26.3935, 37.4433, 23.6055



32.0641, 24.2709, 42.0259

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.



49.3905, 37.4433, 43.9905



26.3935, 37.4433, 23.6055



41.0601, 37.4433, 82.0906

Square

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



26.3935, 37.4433, 23.6055



28.9403, 37.4433, 77.1851



46.7044, 37.4433, 64.7166



43.1846, 37.4433, 18.1035

Rectangle

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



26.3935, 37.4433, 23.6055



24.9215, 37.4433, 50.5881



46.7044, 37.4433, 64.7166



48.9337, 37.4433, 32.3112

Sweetspot

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



26.3945, 37.4449, 23.6063



67.6924, 77.4580, 73.5583



36.2753, 42.5924, 21.6388



14.3724, 16.6167, 15.5053



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.3945, 37.4449, 23.6063



43.4931, 65.7939, 35.7827



28.8316, 38.4197, 36.4400



8.4283, 9.5058, 9.2491



11.5004, 22.8261, 4.3721



0.3749, 0.7234, 0.2060

Inverse Universe

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



32.0641, 24.2709, 42.0259



55.1921, 38.5861, 73.7721



29.2099, 23.1292, 26.9957



8.8061, 8.6292, 10.4775



17.5100, 8.5215, 23.6431



0.5630, 0.2730, 0.8076

Previews

White Background



This preview shows how the XYZ color 26.3935, 37.4433, 23.6055 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 26.3935, 37.4433, 23.6055 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 26.3935, 37.4433, 23.6055

Background



This preview shows how black text looks on a background with the XYZ color 26.3935, 37.4433, 23.6055.



This preview shows how white text looks on a background with the XYZ color 26.3935, 37.4433,

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

26.3935, 37.4433, 23.6055

Protanopia

34.3876, 37.0903, 20.9695

Deuteranopia

37.7510, 36.9321, 24.5409



Tritanopia

32.0729, 37.4102, 51.9848

Trichromacy



Original Color

26.3935, 37.4433, 23.6055

Protanomaly

30.6640, 36.7827, 22.0066

Deuteranomaly

32.3401, 36.2328, 24.0280

Tritanomaly

29.5973, 37.2616, 39.8147

Monochromacy



Original Color

26.3935, 37.4433, 23.6055

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.3861, 33.5207, 30.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3935, 37.4433, 23.6055 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(112, 180, 120)` looks like.

```
.text, #text, p{  
    color:rgb(112, 180, 120)  
}
```

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(112, 180, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 180, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.3935, 37.4433, 23.6055 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(112, 180, 120) }
```


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

```
.border{ border-color:rgb(112, 180, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 180, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 180, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 180, 120);  
box-shadow:4px 4px 4px 4px rgb(112, 180,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3935, 37.4433, 23.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 180, 120) }
```

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

```
.background{ background-color: rgb(112,  
180, 120) }
```

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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