

Converting Colors

XYZ(27.7668, 37.7190, 32.8756)

Have a look what the booklet for
XYZ(27.7668, 37.7190, 32.8756)
contains.

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Color

**XYZ(27.7388, 37.6305,
32.9956)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB392
RGB	110, 179, 146
RGB Percent	43%, 70%, 57%
CMY	0.5686, 0.2980, 0.4274
CMYK	0.39, 0.00, 0.18, 0.30
HSL	151°, 31%, 57%
HSV	151°, 39%, 70%
XYZ	27.7388, 37.6305, 32.9956
YIQ	154.6070, -30.5310, -24.8910

Conversions

Conversions Part 2

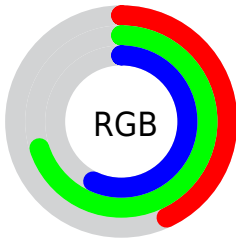
Format	Color
RYB	110, 155, 179
Decimal	7254930
CIELab	67.75, -29.33, 10.06
CIELCh	68, 31.001, 161.074
Yxy	37.6305, 0.2820, 0.3826
Android (android.graphics.Color)	4285445010 (0xFF6EB392)
YUV	154.6070, -4.2433, -39.1203
Hunter-Lab	61.3437, -26.6362, 11.0496

Details

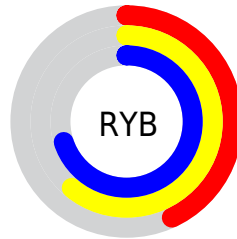
The XYZ color **27.7388, 37.6305, 32.9956** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **29.1255, 22.7196, 28.8382**, and the grayscale version is **31.0107, 32.6257, 35.5294**.

A 20% lighter version of the original color is **55.4435, 71.4793, 65.5183**, and **11.2713, 16.6475, 13.4457** is the 20% darker color. If you saturate the color by 10%, you get **25.0916, 36.3409, 29.5249**, and if you desaturate by 10%, it is **30.8879, 39.1751, 36.7518**.

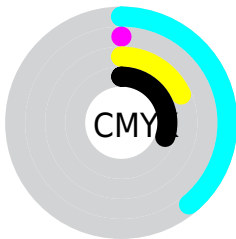
Distribution



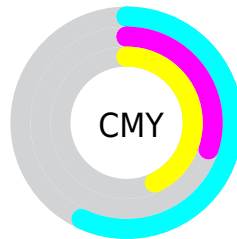
- Red (43%)
- Green (70%)
- Blue (57%)



- Red (43%)
- Yellow (61%)
- Blue (70%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)





- Cyan (57%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7388, 37.6305, 32.9956 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 27.7388, 37.6305, 32.9956 by changing the saturation by 10% instead.


 27.7388, 37.6305,
32.9956


 27.7388, 37.6305,
32.9956


283.3195,
336.0322, 330.2613


 18.2683, 25.6960,
21.8520


 55.4787, 71.5414,
65.4846


 11.2436, 16.5964,
13.5509


 74.4788, 94.2867,
87.6670

 6.2995, 9.9471,
7.6738


 97.3862, 121.4044,
114.3662

 3.0704, 5.3639,
3.8022

 124.5662,
153.2788, 146.0006

 1.1911, 2.4623,
1.5175

156.3842,
190.2944, 182.9888

 0.0993, 0.8577,
0.2309

193.2055,

 0.0000, 0.0000,

232.8356, 225.7492

0.0000

235.3955,
281.2867, 274.7006

■ 27.7388, 37.6305,
32.9956

■ 27.7388, 37.6305,
32.9956

■ 25.0916, 36.3409,
29.5249

■ 30.8879, 39.1751,
36.7518

■ 22.9147, 35.2872,
26.3301

■ 34.5617, 40.9833,
40.7977

■ 21.1780, 34.4548,
23.4048


■ 38.7855, 43.0690,
45.1404

■ 19.8460, 33.8257,
20.7413


■ 43.5819, 45.4437,
49.7864


■ 18.8775, 33.3788,
18.3312


■ 48.9722, 48.1184,
54.7416


 18.2023, 33.0779,
16.1648

 54.9766, 51.1034,
60.0118

 18.1139, 33.0388,
15.8693

 61.6144, 54.4084,
65.6027

 68.9038, 58.0428,
71.5199

 70.6872, 58.8321,
77.4797

Harmonies

Analogous

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



30.0473, 37.6305, 24.1244



27.7388, 37.6305, 32.9956



27.4640, 37.6305, 46.2542

Triad

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



27.7388, 37.6305, 32.9956



37.5660, 37.6305, 72.7133



43.1730, 37.6305, 25.9645

Complementary

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



27.7388, 37.6305, 32.9956



29.1255, 22.7196, 28.8382

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.



45.5937, 37.6305, 36.1103



27.7388, 37.6305, 32.9956



42.1693, 37.6305, 64.2623

Square

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



27.7388, 37.6305, 32.9956



32.8603, 37.6305, 71.3509



45.2108, 37.6305, 50.1430



38.8395, 37.6305, 20.7358

Rectangle

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



27.7388, 37.6305, 32.9956



28.4403, 37.6305, 56.1601



45.2108, 37.6305, 50.1430



44.2541, 37.6305, 28.8054

Sweetspot

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



27.7398, 37.6320, 32.9965



66.5794, 75.7080, 77.9370



30.3242, 39.2385, 20.7279



14.5339, 16.6660, 17.0450



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.



27.7398, 37.6320, 32.9965



45.7133, 65.4606, 53.9405



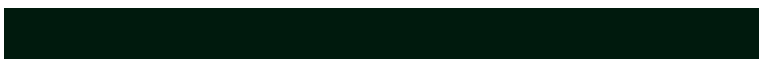
30.4589, 38.3524, 48.4470



8.5679, 9.5617, 9.9845



12.8327, 23.3591, 11.3878



0.4330, 0.7467, 0.5124

Inverse Universe

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



29.1255, 22.7196, 28.8382



48.5396, 35.0581, 45.4696



27.1068, 22.1119, 17.5917



8.6600, 8.5707, 9.7078



14.3453, 7.2557, 6.9784



0.4809, 0.2401, 0.3751

Previews

White Background



This preview shows how the XYZ color 27.7388, 37.6305, 32.9956 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 27.7388, 37.6305, 32.9956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

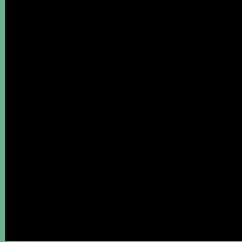
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.7388, 37.6305, 32.9956

Background



This preview shows how black text looks on a background with the XYZ color 27.7388, 37.6305, 32.9956.



This preview shows how white text looks on a background with the XYZ color 27.7388, 37.6305,

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

27.7388, 37.6305, 32.9956

Protanopia

35.0965, 37.2701, 29.3888

Deuteranopia

37.7395, 36.9700, 34.0010



Tritanopia

31.6589, 37.4681, 52.5772

Trichromacy



Original Color

27.7388, 37.6305, 32.9956

Protanomaly

31.5734, 36.7831, 30.6350

Deuteranomaly

33.1616, 36.7115, 33.7720

Tritanomaly

29.9788, 37.3515, 44.6592

Monochromacy



Original Color

27.7388, 37.6305, 32.9956

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.5904, 34.3069, 34.7681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7388, 37.6305, 32.9956 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, 179, 146)` looks like.

```
.text, #text, p{  
    color:rgb(110, 179, 146)  
}
```

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, 179, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 179, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.7388, 37.6305, 32.9956 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, 179, 146) }
```


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

```
.border{ border-color:rgb(110, 179, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 179, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 179, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 179, 146);  
box-shadow:4px 4px 4px 4px rgb(110, 179,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7388, 37.6305, 32.9956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 179, 146) }
```

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

```
.background{ background-color: rgb(110,  
179, 146) }
```

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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