

Converting Colors

XYZ(7.5832, 9.4921, 11.7873)

Have a look what the booklet for
XYZ(7.5832, 9.4921, 11.7873)
contains.

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Color

**XYZ(7.5775, 9.4889,
11.7881)**

Conversions

Conversions Part 1

Format	Color
Hex	395D5D
RGB	57, 93, 93
RGB Percent	22%, 36%, 36%
CMY	0.7765, 0.6353, 0.6353
CMYK	0.39, 0.00, 0.00, 0.64
HSL	180°, 24%, 29%
HSV	180°, 39%, 36%
XYZ	7.5775, 9.4889, 11.7881
YIQ	82.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

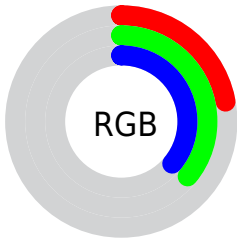
Format	Color
RYB	57, 75, 93
Decimal	3759453
CIELab	36.91, -12.86, -4.10
CIElCh	37, 13.499, 197.678
Yxy	9.4889, 0.2626, 0.3289
Android (android.graphics.Color)	4281949533 (0xFF395D5D)
YUV	82.2360, 5.3067, -22.1320
Hunter-Lab	30.8041, -9.9978, -1.1263

Details

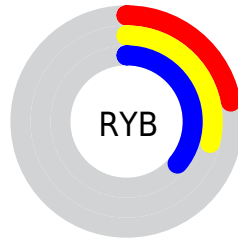
The XYZ color **7.5775, 9.4889, 11.7881** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.7162, 5.5491, 4.5884**, and the grayscale version is **8.0605, 8.4802, 9.2350**.

A 20% lighter version of the original color is **20.7242, 24.6923, 29.6604**, and **1.6297, 2.2899, 3.0454** is the 20% darker color. If you saturate the color by 10%, you get **7.0952, 9.2405, 11.7657**, and if you desaturate by 10%, it is **8.1575, 9.7881, 11.8155**.

Distribution



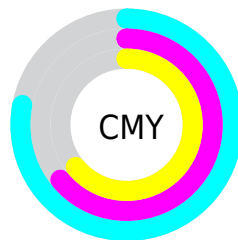
- Red (22%)
- Green (36%)
- Blue (36%)



- Red (22%)
- Yellow (29%)
- Blue (36%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)





- Cyan (78%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.5775, 9.4889, 11.7881 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 7.5775, 9.4889, 11.7881 by changing the saturation by 10% instead.


 7.5775, 9.4889,
11.7881


 7.5775, 9.4889,
11.7881


166.8219,
186.9843, 213.9253


 3.8753, 5.0614,
6.4788

 20.8193, 24.8296,
29.7672


 1.6318, 2.2833,
3.0649


 31.0897, 36.5117,
43.2740

 0.4130, 0.7649,
1.1279

 44.2802, 51.3807,
60.3504

 0.0000, 0.0000,
0.0000

 60.7562, 69.8211,
81.4150

 80.8830, 92.2173,
106.8862

 105.0260,

118.9536, 137.1826

133.5505,
150.4145, 172.7228

■ 7.5775, 9.4889,
11.7881

■ 7.5775, 9.4889,
11.7881

■ 7.0952, 9.2405,
11.7657

■ 8.1575, 9.7881,
11.8155

■ 6.7045, 9.0391,
11.7473

■ 8.8393, 10.1396,
11.8475

■ 6.3999, 8.8820,
11.7330

■ 9.6278, 10.5461,
11.8845

■ 6.1747, 8.7660,
11.7224

■ 10.5273, 11.0098,
11.9266

■ 6.0218, 8.6871,
11.7151

■ 11.5418, 11.5328,
11.9742

■ 5.9053, 8.6271,
11.7096

■ 12.6751, 12.1171,
12.0273

■ 5.8903, 8.6193,
11.7089

■ 13.9311, 12.7645,
12.0861

■ 15.3131, 13.4770,
12.1509

■ 16.8246, 14.2562,
12.2217

Harmonies

Analogous

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



7.5431, 9.4889, 9.3836



7.5775, 9.4889, 11.7881



7.9831, 9.4889, 14.1075

Triad

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



7.5775, 9.4889, 11.7881



10.2556, 9.4889, 13.7377



9.3650, 9.4889, 6.4675

Complementary

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



7.5775, 9.4889, 11.7881



6.7162, 5.5491, 4.5884

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.



10.1407, 9.4889, 7.2981



7.5775, 9.4889, 11.7881



10.6757, 9.4889, 11.3418

Square

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



7.5775, 9.4889, 11.7881



9.5140, 9.4889, 15.3468



10.6324, 9.4889, 9.0007



8.5413, 9.4889, 6.5490

Rectangle

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



7.5775, 9.4889, 11.7881



8.4242, 9.4889, 15.1819



10.6324, 9.4889, 9.0007



9.6409, 9.4889, 6.6433

Sweetspot

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



7.5778, 9.4893, 11.7883



15.9603, 17.7810, 20.3123



6.3749, 9.0121, 5.2746



3.9761, 4.4449, 5.0915



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

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



7.5778, 9.4893, 11.7883



12.2408, 15.8635, 20.1378



6.2204, 6.7744, 11.3361



2.3911, 2.6205, 2.9542



8.3335, 12.1946, 16.5657



45.6345, 66.7780, 90.7140

Inverse Universe

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



6.7162, 5.5491, 4.5884



10.5452, 8.1092, 5.9682



7.7287, 7.5741, 4.9257



2.3316, 2.3482, 2.4567



6.3870, 3.2926, 0.2990



34.9752, 18.0304, 1.6370

Previews

White Background



This preview shows how the XYZ color 7.5775, 9.4889, 11.7881 looks on a white 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

Black Background



This preview shows how the XYZ color 7.5775, 9.4889, 11.7881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

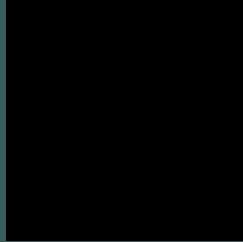
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.5775, 9.4889, 11.7881

Background



This preview shows how black text looks on a background with the XYZ color 7.5775, 9.4889, 11.7881.



This preview shows how white text looks on a background with the XYZ color 7.5775, 9.4889, 11.7881.

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

7.5775, 9.4889, 11.7881

Protanopia

9.0614, 9.4031, 10.7886

Deuteranopia

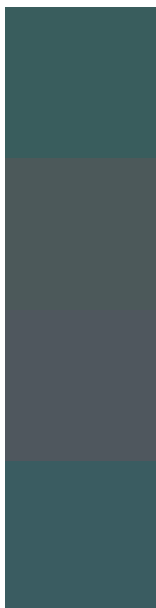
9.5503, 9.3910, 12.1358



Tritanopia

7.8829, 9.4850, 13.2197

Trichromacy



Original Color

7.5775, 9.4889, 11.7881

Protanomaly

8.3983, 9.4194, 11.0484

Deuteranomaly

8.6530, 9.2868, 11.9261

Tritanomaly

7.7297, 9.4169, 12.7195

Monochromacy



Original Color

7.5775, 9.4889, 11.7881

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

7.7552, 8.7439, 10.0831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.5775, 9.4889, 11.7881 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(57, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(57, 93, 93)  
}
```

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(57, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 93, 93) }
```

Border

The CSS property to change the border of an element to XYZ 7.5775, 9.4889, 11.7881 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(57, 93, 93) }
```


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

```
.border{ border-color:rgb(57, 93, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 93, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(57, 93, 93)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.5775, 9.4889, 11.7881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 93, 93) }
```

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

```
.background{ background-color: rgb(57, 93,  
93) }
```

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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