

Converting Colors

XYZ(10.2525, 11.4907, 11.9831)

Have a look what the booklet for
XYZ(10.2525, 11.4907, 11.9831)
contains.

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Color

**XYZ(10.2739, 11.5519,
12.0442)**

Conversions

Conversions Part 1

Format	Color
Hex	57625D
RGB	87, 98, 93
RGB Percent	34%, 38%, 36%
CMY	0.6588, 0.6157, 0.6353
CMYK	0.11, 0.00, 0.05, 0.62
HSL	153°, 6%, 36%
HSV	153°, 11%, 38%
XYZ	10.2739, 11.5519, 12.0442
YIQ	94.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

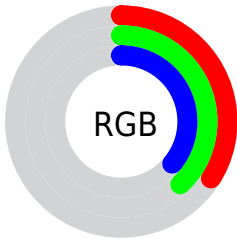
Format	Color
R_{YB}	87, 94, 98
Decimal	5726813
CIE Lab	40.49, -5.33, 1.40
CIE LCh	40, 5.514, 165.313
Yxy	11.5519, 0.3033, 0.3411
Android (android.graphics.Color)	4283916893 (0xFF57625D)
YUV	94.1410, -0.5625, -6.2627
Hunter-Lab	33.9881, -5.5223, 2.7813

Details

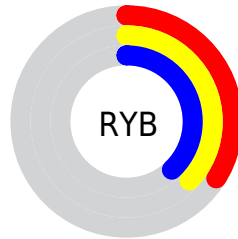
The XYZ color **10.2739, 11.5519, 12.0442** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3773, 10.1860, 11.5447**, and the grayscale version is **10.6750, 11.2310, 12.2305**.

A 20% lighter version of the original color is **26.0219, 28.7964, 30.1734**, and **2.6959, 3.1535, 3.1559** is the 20% darker color. If you saturate the color by 10%, you get **9.2288, 11.0356, 10.9952**, and if you desaturate by 10%, it is **11.4554, 12.1378, 13.1601**.

Distribution



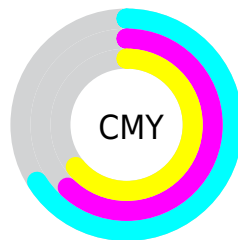
- Red (34%)
- Green (38%)
- Blue (36%)



- Red (34%)
- Yellow (37%)
- Blue (38%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2739, 11.5519, 12.0442 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 10.2739, 11.5519, 12.0442 by changing the saturation by 10% instead.

■ 10.2739, 11.5519,
12.0442

■ 10.2739, 11.5519,
12.0442

186.6290,
201.4157, 215.6860

■ 5.6446, 6.4393,
6.6509

■ 25.9544, 28.6763,
30.2412

■ 2.6688, 3.1140,
3.1696

■ 37.7364, 41.4569,
43.8819

■ 0.9811, 1.1915,
1.1819

■ 52.6333, 57.5624,
61.1089

■ 0.0000, 0.0548,
0.0000

■ 71.0104, 77.3771,
82.3406

■ 0.0000, 0.0000,
0.0000

■ 93.2332, 101.2853,
107.9957

119.6670,

129.6716, 138.4925

150.6771,
162.9203, 174.2498

■ 10.2739, 11.5519,
12.0442

■ 10.2739, 11.5519,
12.0442

■ 9.2288, 11.0356,
10.9952

■ 11.4554, 12.1378,
13.1601

■ 8.3139, 10.5848,
10.0110

■ 12.7773, 12.7945,
14.3434

■ 7.5242, 10.1972,
9.0907

■ 14.2444, 13.5246,
15.5955

■ 6.8536, 9.8698,
8.2329

■ 15.8612, 14.3305,
16.9175

■ 6.2957, 9.5993,
7.4362

■ 17.6319, 15.2143,
18.3105

■ 5.8436, 9.3820,
6.6991

■ 19.5606, 16.1782,
19.7757

■ 5.4893, 9.2141,
6.0201

■ 21.6512, 17.2240,
21.3141

■ 5.2231, 9.0903,
5.3975

■ 23.9074, 18.3538,
22.9268

■ 5.0209, 8.9970,
4.8948

■ 26.3329, 19.5693,
24.6147

Harmonies

Analogous

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



10.4579, 11.5519, 11.1348



10.2739, 11.5519, 12.0442



10.2759, 11.5519, 13.1507

Triad

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



10.2739, 11.5519, 12.0442



11.1779, 11.5519, 14.7529



11.5127, 11.5519, 11.1196

Complementary

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



10.2739, 11.5519, 12.0442



10.3773, 10.1860, 11.5447

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.



11.7150, 11.5519, 12.0223



10.2739, 11.5519, 12.0442



11.5186, 11.5519, 14.1409

Square

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



10.2739, 11.5519, 12.0442



10.7917, 11.5519, 14.7597



11.7172, 11.5519, 13.1275



11.1699, 11.5519, 10.6228

Rectangle

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



10.2739, 11.5519, 12.0442



10.3823, 11.5519, 13.8537



11.7172, 11.5519, 13.1275



11.5997, 11.5519, 11.3832

Sweetspot

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



10.2742, 11.5524, 12.0445



19.6699, 21.0693, 22.6880



10.5153, 11.7062, 10.7222



4.6419, 4.9914, 5.3617



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.2742, 11.5524, 12.0445



17.5883, 20.0381, 20.6990



10.4689, 11.5755, 13.2384



2.5953, 2.8769, 3.0289



6.6638, 11.9716, 6.4020



35.1506, 63.7752, 31.8358

Inverse Universe

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



10.3773, 10.1860, 11.5447



17.8007, 17.2220, 19.6691



10.1955, 10.1609, 10.4407



2.6156, 2.6072, 2.9303



7.3052, 3.6969, 3.4611



38.5919, 19.5762, 16.2028

Previews

White Background



This preview shows how the XYZ color 10.2739, 11.5519, 12.0442 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 × Fail

Black Background



This preview shows how the XYZ color 10.2739, 11.5519, 12.0442 looks on a black 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

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

XYZ 10.2739, 11.5519, 12.0442

Background



This preview shows how black text looks on a background with the XYZ color 10.2739, 11.5519, 12.0442.



This preview shows how white text looks on a background with the XYZ color 10.2739, 11.5519,

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

10.2739, 11.5519, 12.0442

Protanopia

11.0175, 11.5364, 11.5436

Deuteranopia

11.6732, 11.4657, 12.1875



Tritanopia

10.8014, 11.4891, 14.7450

Trichromacy



Original Color

10.2739, 11.5519, 12.0442

Protanomaly

10.7307, 11.5181, 11.7829

Deuteranomaly

11.0601, 11.4102, 12.2091

Tritanomaly

10.5994, 11.5442, 13.7262

Monochromacy



Original Color

10.2739, 11.5519, 12.0442

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.4270, 11.2167, 12.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2739, 11.5519, 12.0442 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(87, 98, 93) looks like.

```
.text, #text, p{  
    color:rgb(87, 98, 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(87, 98, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 98, 93) }
```

Border

The CSS property to change the border of an element to XYZ 10.2739, 11.5519, 12.0442 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(87, 98, 93) }
```


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

```
.border{ border-color:rgb(87, 98, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 98, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 98, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 98, 93);  
box-shadow:4px 4px 4px 4px rgb(87, 98, 93)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2739, 11.5519, 12.0442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 98, 93) }
```

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

```
.background{ background-color: rgb(87, 98,  
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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