

Converting Colors

XYZ(10.6595, 11.8100, 11.5934)

Have a look what the booklet for
XYZ(10.6595, 11.8100, 11.5934)
contains.

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Color

**XYZ(10.6696, 11.7660,
11.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	5C625B
RGB	92, 98, 91
RGB Percent	36%, 38%, 36%
CMY	0.6392, 0.6157, 0.6431
CMYK	0.06, 0.00, 0.07, 0.62
HSL	111°, 4%, 37%
HSV	111°, 7%, 38%
XYZ	10.6696, 11.7660, 11.6062
YIQ	95.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

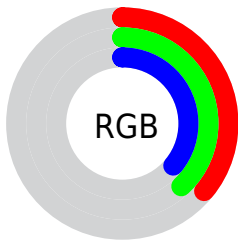
Format	Color
R_{YB}	91, 98, 97
Decimal	6054491
CIE Lab	40.84, -3.81, 3.17
CIE LCh	41, 4.959, 140.200
Yxy	11.7660, 0.3134, 0.3456
Android (android.graphics.Color)	4284244571 (0xFF5C625B)
YUV	95.4080, -2.1731, -2.9888
Hunter-Lab	34.3016, -4.5049, 3.9499

Details


The XYZ color **10.6696, 11.7660, 11.6062** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8759, 10.9057, 13.0877**, and the grayscale version is **10.9807, 11.5526, 12.5807**.

A 20% lighter version of the original color is **26.7105, 29.1688, 29.4216**, and **2.8284, 3.2263, 2.9563** is the 20% darker color. If you saturate the color by 10%, you get **9.4810, 11.1993, 9.4860**, and if you desaturate by 10%, it is **12.0072, 12.4038, 14.0221**.

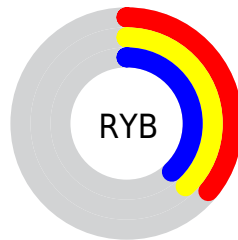
Distribution



 Red (36%)

 Green (38%)

 Blue (36%)



 Red (36%)

 Yellow (38%)

 Blue (38%)

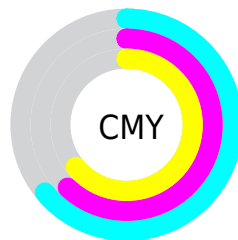


 Cyan (6%)

 Magenta (0%)

 Yellow (7%)

 Black (62%)



 Cyan (64%)

 Magenta (62%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6696, 11.7660, 11.6062 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 10.6696, 11.7660, 11.6062 by changing the saturation by 10% instead.

■ 10.6696, 11.7660,
11.6062

■ 10.6696, 11.7660,
11.6062

189.3420,
202.8499, 212.6651

■ 5.9108, 6.5845,
6.3569

■ 26.6860, 29.0682,
29.4294

■ 2.8310, 3.2037,
2.9910

■ 38.6742, 41.9577,
42.8404

■ 1.0651, 1.2390,
1.0900

■ 53.8030, 58.1854,
59.8089

■ 0.0000, 0.0932,
0.0000

■ 72.4376, 78.1357,
80.7537

■ 0.0000, 0.0000,
0.0000

■ 94.9435, 102.1928,
106.0931

121.6860,

130.7413, 136.2458

153.0303,
164.1656, 171.6303

■ 10.6696, 11.7660,
11.6062

■ 10.6696, 11.7660,
11.6062

■ 9.4810, 11.1993,
9.4860

■ 12.0072, 12.4038,
14.0221

■ 8.4353, 10.6998,
7.6495

■ 13.4976, 13.1135,
16.7438

■ 7.5273, 10.2654,
6.0848

■ 15.1460, 13.8977,
19.7815

■ 6.7513, 9.8934,
4.7790

■ 16.9567, 14.7586,
23.1451

■ 6.1009, 9.5810,
3.7182

■ 18.9341, 15.6982,
26.8438

■ 5.5696, 9.3249,
2.8871

■ 21.0823, 16.7183,
30.8865

■ 5.1500, 9.1218,
2.2686

■ 23.4053, 17.8210,
35.2818

■ 4.8338, 8.9679,
1.8435

■ 25.9068, 19.0079,
40.0380

■ 4.6037, 8.8556,
1.5470

■ 28.5908, 20.2809,
45.1632

Harmonies

Analogous

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



10.9504, 11.7660, 11.0713



10.6696, 11.7660, 11.6062



10.5273, 11.7660, 12.4830

Triad

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



10.6696, 11.7660, 11.6062



11.0680, 11.7660, 14.8247



11.8327, 11.7660, 12.1513

Complementary

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



10.6696, 11.7660, 11.6062



10.8759, 10.9057, 13.0877

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.



11.8658, 11.7660, 13.1451



10.6696, 11.7660, 11.6062



11.4193, 11.7660, 14.7244

Square

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



10.6696, 11.7660, 11.6062



10.7542, 11.7660, 14.3641



11.7131, 11.7660, 14.0968



11.6236, 11.7660, 11.3744

Rectangle

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



10.6696, 11.7660, 11.6062



10.5281, 11.7660, 13.1586



11.7131, 11.7660, 14.0968



11.8649, 11.7660, 12.4699

Sweetspot

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



10.6699, 11.7665, 11.6065



19.8560, 21.1713, 22.4252



11.1959, 11.8927, 11.6031



4.7300, 5.0372, 5.3490



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.



10.6699, 11.7665, 11.6065



18.2335, 20.3978, 19.5068



10.6782, 11.7584, 12.1678



2.5742, 2.8719, 2.7628



6.0303, 11.7428, 1.9488



31.7388, 62.4875, 10.3885

Inverse Universe

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



10.8759, 10.9057, 13.0877



18.6955, 18.4670, 22.8291



10.8692, 10.9154, 12.4925



2.6364, 2.6117, 3.2104



7.7788, 3.6710, 15.6863



40.9930, 19.3209, 83.7733

Previews

White Background



This preview shows how the XYZ color 10.6696, 11.7660, 11.6062 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 10.6696, 11.7660, 11.6062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

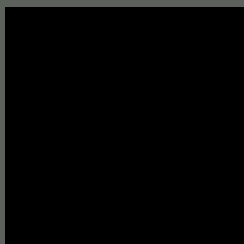
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

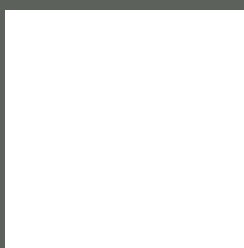
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6696, 11.7660, 11.6062

Background



This preview shows how black text looks on a background with the XYZ color 10.6696, 11.7660, 11.6062.



This preview shows how white text looks on a background with the XYZ color 10.6696, 11.7660,

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

10.6696, 11.7660, 11.6062

Protanopia

11.1739, 11.7566, 11.3532

Deuteranopia

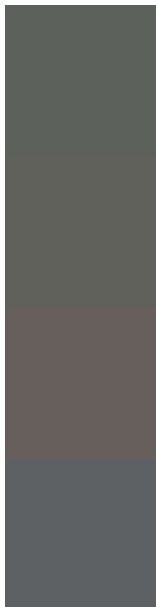
11.9095, 11.7272, 11.7611



Tritanopia

11.2977, 11.7449, 14.7682

Trichromacy



Original Color

10.6696, 11.7660, 11.6062

Protanomaly

10.9440, 11.7744, 11.3687

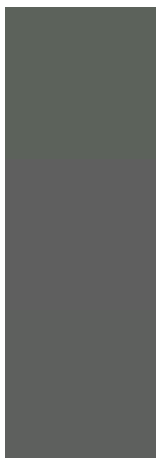
Deuteranomaly

11.5035, 11.7819, 11.7931

Tritanomaly

11.0410, 11.7774, 13.4957

Monochromacy



Original Color

10.6696, 11.7660, 11.6062

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.8193, 11.5536, 12.2495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6696, 11.7660, 11.6062 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(92, 98, 91) looks like.

```
.text, #text, p{  
    color:rgb(92, 98, 91)  
}
```

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(92, 98, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 98, 91) }
```

Border

The CSS property to change the border of an element to XYZ 10.6696, 11.7660, 11.6062 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(92, 98, 91) }
```


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

```
.border{ border-color:rgb(92, 98, 91) }
```

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

Here you see how a box with a 4 pixel rgb(92, 98, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 98, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 98, 91);  
box-shadow:4px 4px 4px 4px rgb(92, 98, 91)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.6696, 11.7660, 11.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 98, 91) }
```

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

```
.background{ background-color: rgb(92, 98,  
91) }
```

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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