

Converting Colors

XYZ(11.6828, 13.2169, 12.6861)

Have a look what the booklet for
XYZ(11.6828, 13.2169, 12.6861)
contains.

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Color

**XYZ(11.7332, 13.3091,
12.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	5E695F
RGB	94, 105, 95
RGB Percent	37%, 41%, 37%
CMY	0.6314, 0.5882, 0.6274
CMYK	0.10, 0.00, 0.10, 0.59
HSL	125°, 6%, 39%
HSV	125°, 10%, 41%
XYZ	11.7332, 13.3091, 12.7770
YIQ	100.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

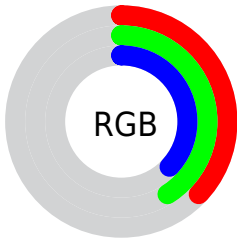
Format	Color
R_{YB}	94, 104, 105
Decimal	6187359
CIE Lab	43.23, -6.32, 4.20
CIE LCh	43, 7.588, 146.421
Yxy	13.3091, 0.3102, 0.3519
Android (android.graphics.Color)	4284377439 (0xFF5E695F)
YUV	100.5710, -2.7465, -5.7628
Hunter-Lab	36.4816, -6.4338, 4.7720

Details

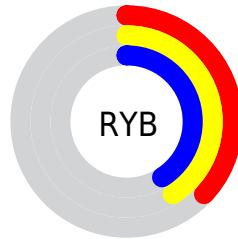
The XYZ color **11.7332, 13.3091, 12.7770** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3275, 12.0084, 14.7653**, and the grayscale version is **12.2670, 12.9058, 14.0544**.

A 20% lighter version of the original color is **28.5009, 31.7506, 31.4144**, and **3.2864, 3.8762, 3.4807** is the 20% darker color. If you saturate the color by 10%, you get **10.3213, 12.6287, 10.5832**, and if you desaturate by 10%, it is **13.3456, 14.0874, 15.2584**.

Distribution



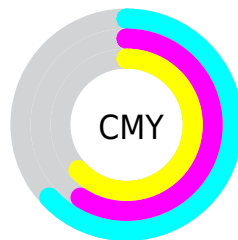
- Red (37%)
- Green (41%)
- Blue (37%)



- Red (37%)
- Yellow (41%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7332, 13.3091, 12.7770 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 11.7332, 13.3091, 12.7770 by changing the saturation by 10% instead.

■ 11.7332, 13.3091,
12.7770

■ 11.7332, 13.3091,
12.7770

196.4371,
212.8893, 220.6409

■ 6.6332, 7.6417,
7.1463

■ 28.6293, 31.8580,
31.5879

■ 3.2780, 3.8666,
3.4739

■ 41.1562, 45.5083,
45.6051

■ 1.3025, 1.5992,
1.3414

■ 56.8893, 62.5884,
63.2548

■ 0.1851, 0.3571,
0.0954

■ 76.1941, 83.4827,
84.9557

■ 0.0000, 0.0000,
0.0000

99.4359, 108.5755,
111.1262

126.9801,

138.2513, 142.1848

159.1921,
172.8944, 178.5502

■ 11.7332, 13.3091,
12.7770

■ 11.7332, 13.3091,
12.7770

■ 10.3213, 12.6287,
10.5832

■ 13.3456, 14.0874,
15.2584

■ 9.1009, 12.0408,
8.6656

■ 15.1646, 14.9656,
18.0362

■ 8.0641, 11.5418,
7.0137

■ 17.1978, 15.9476,
21.1202

■ 7.2020, 11.1274,
5.6157

■ 19.4516, 17.0366,
24.5192

■ 6.5050, 10.7929,
4.4589

■ 21.9325, 18.2357,
28.2419

■ 5.9624, 10.5332,
3.5299

■ 24.6466, 19.5479,
32.2966

■ 5.5624, 10.3425,
2.8134

■ 27.5998, 20.9761,
36.6911

■ 5.2915, 10.2141,
2.2927

■ 30.7977, 22.5231,
41.4333

■ 5.1042, 10.1247,
1.9595

■ 34.2459, 24.1914,
46.5304

Harmonies

Analogous

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



12.1546, 13.3091, 11.7865



11.7332, 13.3091, 12.7770



11.5571, 13.3091, 14.2906

Triad

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



11.7332, 13.3091, 12.7770



12.5796, 13.3091, 17.9607



13.6872, 13.3091, 13.1009

Complementary

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



11.7332, 13.3091, 12.7770



12.3275, 12.0084, 14.7653

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.



13.8094, 13.3091, 14.6939



11.7332, 13.3091, 12.7770



13.1585, 13.3091, 17.5813

Square

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



11.7332, 13.3091, 12.7770



12.0362, 13.3091, 17.3529



13.6131, 13.3091, 16.3526



13.2841, 13.3091, 11.9631

Rectangle

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



11.7332, 13.3091, 12.7770



11.5984, 13.3091, 15.4239



13.6131, 13.3091, 16.3526



13.7631, 13.3091, 13.5971

Sweetspot

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



11.7336, 13.3097, 12.7773



23.1077, 24.8437, 26.1115



12.7912, 13.8601, 12.5908



5.3658, 5.7968, 6.0441



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.7336, 13.3097, 12.7773



20.2408, 23.4607, 21.6885



11.9885, 13.4117, 14.1199



3.0742, 3.4488, 3.3744



6.4548, 12.8160, 2.4402



32.7394, 65.2428, 11.6403

Inverse Universe

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



12.3275, 12.0084, 14.7653



21.5730, 20.5420, 26.1472



12.0611, 11.9018, 13.3621



3.2063, 3.1594, 3.8166



10.0109, 4.8565, 14.2177



50.8426, 24.6790, 71.5648

Previews

White Background



This preview shows how the XYZ color 11.7332, 13.3091, 12.7770 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 11.7332, 13.3091, 12.7770 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

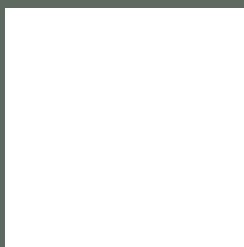
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7332, 13.3091, 12.7770

Background



This preview shows how black text looks on a background with the XYZ color 11.7332, 13.3091, 12.7770.

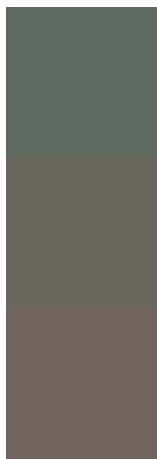


This preview shows how white text looks on a background with the XYZ color 11.7332, 13.3091,

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

11.7332, 13.3091, 12.7770

Protanopia

12.6710, 13.3572, 12.2663

Deuteranopia

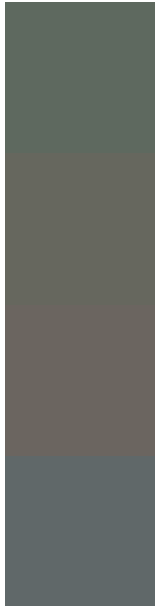
13.4184, 13.1573, 12.8987



Tritanopia

12.6493, 13.3896, 16.9567

Trichromacy



Original Color

11.7332, 13.3091, 12.7770

Protanomaly

12.3501, 13.3334, 12.5124

Deuteranomaly

12.8284, 13.2777, 12.9531

Tritanomaly

12.3240, 13.4073, 15.3029

Monochromacy



Original Color

11.7332, 13.3091, 12.7770

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0405, 13.0003, 13.6791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7332, 13.3091, 12.7770 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(94, 105, 95) looks like.

```
.text, #text, p{  
    color:rgb(94, 105, 95)  
}
```

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(94, 105, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 105, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.7332, 13.3091, 12.7770 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(94, 105, 95) }
```


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

```
.border{ border-color:rgb(94, 105, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 105, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 105, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 105, 95);  
box-shadow:4px 4px 4px 4px rgb(94, 105,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7332, 13.3091, 12.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 105, 95) }
```

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

```
.background{ background-color: rgb(94, 105,  
95) }
```

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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