

Converting Colors

XYZ(10.5209, 11.1306, 13.6945)

Have a look what the booklet for
XYZ(10.5209, 11.1306, 13.6945)
contains.

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Color

**XYZ(10.5194, 11.0992,
13.6445)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5E64
RGB	90, 94, 100
RGB Percent	35%, 37%, 39%
CMY	0.6471, 0.6314, 0.6078
CMYK	0.10, 0.06, 0.00, 0.61
HSL	216°, 5%, 37%
HSV	216°, 10%, 39%
XYZ	10.5194, 11.0992, 13.6445
YIQ	93.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

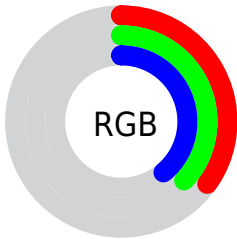
Format	Color
R_{YB}	90, 93, 100
Decimal	5922404
CIE Lab	39.75, -0.23, -3.97
CIE LCh	40, 3.974, 266.705
Yxy	11.0992, 0.2983, 0.3148
Android (android.graphics.Color)	4284112484 (0xFF5A5E64)
YUV	93.4880, 3.2104, -3.0590
Hunter-Lab	33.3155, -1.9405, -0.9617

Details

The XYZ color **10.5194, 11.0992, 13.6445** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2838, 11.8131, 11.3584**, and the grayscale version is **10.5124, 11.0599, 12.0442**.

A 20% lighter version of the original color is **26.3744, 27.7563, 33.2456**, and **2.7383, 2.9064, 3.7848** is the 20% darker color. If you saturate the color by 10%, you get **9.0987, 9.6058, 13.4313**, and if you desaturate by 10%, it is **12.1131, 12.7440, 13.8781**.

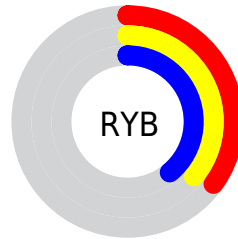
Distribution



Red (35%)

Green (37%)

Blue (39%)



Red (35%)

Yellow (36%)

Blue (39%)

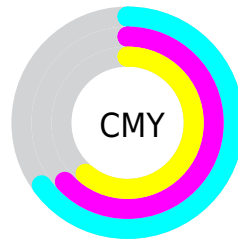


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (61%)



Cyan (65%)

Magenta (63%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5194, 11.0992, 13.6445 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 10.5194, 11.0992, 13.6445 by changing the saturation by 10% instead.

■ 10.5194, 11.0992,
13.6445

■ 10.5194, 11.0992,
13.6445

188.3172,
198.3469, 226.3589

■ 5.8096, 6.1336,
7.7379

■ 26.4089, 27.8435,
33.1649

■ 2.7692, 2.9265,
3.8423

■ 38.3192, 40.3909,
47.6158

■ 1.0329, 1.0935,
1.5393

■ 53.3604, 56.2344,
65.7519

■ 0.0000, 0.0000,
0.2469

■ 71.8979, 75.7584,
87.9917

■ 0.0000, 0.0000,
0.0000

■ 94.2969, 99.3472,
114.7537

120.9229,

127.3853, 146.4566

152.1412,
160.2571, 183.5188

■ 10.5194, 11.0992,
13.6445

■ 10.5194, 11.0992,
13.6445

■ 9.0987, 9.6058,
13.4313

■ 12.1131, 12.7440,
13.8781

■ 7.8439, 8.2578,
13.2372

■ 13.8847, 14.5430,
14.1320

■ 6.7488, 7.0508,
13.0620

■ 15.8400, 16.5009,
14.4069

■ 5.8065, 5.9798,
12.9049

■ 17.9842, 18.6217,
14.7032

■ 5.0094, 5.0394,
12.7654

■ 20.3225, 20.9092,
15.0215

■ 4.3495, 4.2236,
12.6427

■ 22.8596, 23.3672,
15.3622

■ 3.8175, 3.5262,
12.5362

■ 25.6004, 25.9991,
15.7258

■ 3.4031, 2.9400,
12.4449

■ 28.5492, 28.8086,
16.1126

■ 3.0597, 2.4390,
12.3663

■ 31.7106, 31.7988,
16.5232

Harmonies

Analogous

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



10.2647, 11.0992, 13.3821



10.5194, 11.0992, 13.6445



10.7865, 11.0992, 13.4745

Triad

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



10.5194, 11.0992, 13.6445



11.0240, 11.0992, 11.4238



10.1179, 11.0992, 11.2807

Complementary

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



10.5194, 11.0992, 13.6445



11.2838, 11.8131, 11.3584

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.



10.3159, 11.0992, 10.7947



10.5194, 11.0992, 13.6445



10.8394, 11.0992, 10.8748

Square

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



10.5194, 11.0992, 13.6445



11.0807, 11.0992, 12.1715



10.5796, 11.0992, 10.6494



10.0354, 11.0992, 11.9992

Rectangle

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



10.5194, 11.0992, 13.6445



10.9351, 11.0992, 13.1426



10.5796, 11.0992, 10.6494



10.1730, 11.0992, 11.0859

Sweetspot

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



10.5197, 11.0997, 13.6447



20.3401, 21.4227, 24.1997



10.8774, 12.1296, 12.7942



4.9574, 5.2224, 5.9475



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.5197, 11.0997, 13.6447



17.8296, 18.8197, 23.8295



10.2545, 10.4483, 13.5330



2.7743, 2.9266, 3.5506



4.0541, 3.1800, 16.5445



20.3344, 14.9653, 86.0183

Inverse Universe

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



10.9323, 10.8300, 12.1045



18.7133, 18.2577, 20.5272



11.5666, 12.5147, 11.4790



2.8706, 2.8629, 3.1912



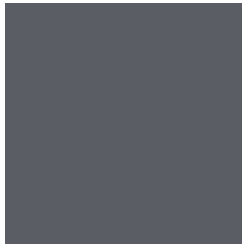
7.5290, 3.8246, 2.9181



38.8590, 19.7836, 13.0667

Previews

White Background



This preview shows how the XYZ color 10.5194, 11.0992, 13.6445 looks on a white background.

Color Contrast Check

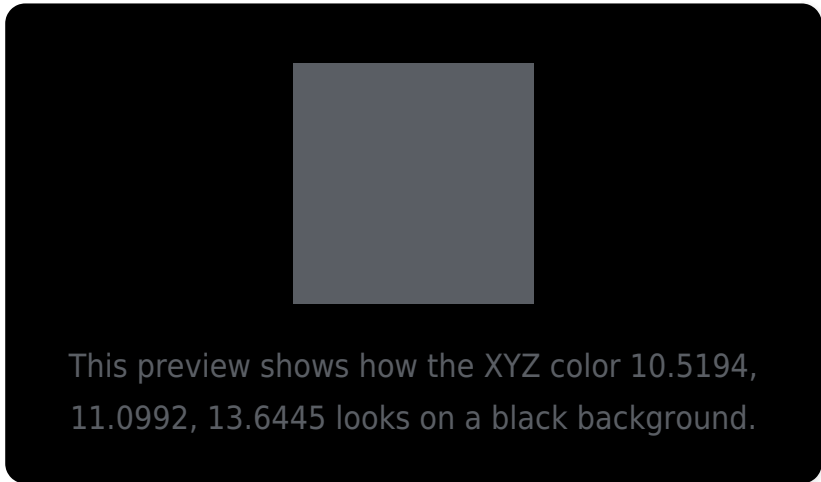
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

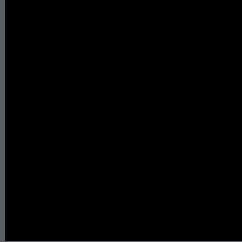
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

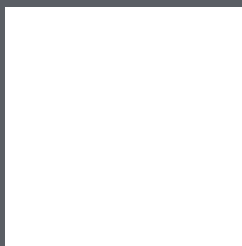
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.5194, 11.0992, 13.6445

Background



This preview shows how black text looks on a background with the XYZ color 10.5194, 11.0992, 13.6445.



This preview shows how white text looks on a background with the XYZ color 10.5194, 11.0992,

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

10.5194, 11.0992, 13.6445

Protanopia

10.7826, 11.1092, 13.3804

Deuteranopia

11.2356, 11.0744, 13.8573



Tritanopia

10.5681, 11.1187, 13.9010

Trichromacy



Original Color

10.5194, 11.0992, 13.6445

Protanomaly

10.6807, 11.0567, 13.3756

Deuteranomaly

11.0000, 11.0807, 13.8709

Tritanomaly

10.5681, 11.1187, 13.9010

Monochromacy



Original Color

10.5194, 11.0992, 13.6445

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.4393, 10.9485, 12.6294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5194, 11.0992, 13.6445 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(90, 94, 100) looks like.

```
.text, #text, p{  
    color:rgb(90, 94, 100)  
}
```

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(90, 94, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 94, 100) }
```

Border

The CSS property to change the border of an element to XYZ 10.5194, 11.0992, 13.6445 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(90, 94, 100) }
```


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

```
.border{ border-color:rgb(90, 94, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 94, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 94, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 94, 100);  
box-shadow:4px 4px 4px 4px rgb(90, 94,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5194, 11.0992, 13.6445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 94, 100) }
```

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

```
.background{ background-color: rgb(90, 94,  
100) }
```

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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