

Converting Colors

XYZ(10.6421, 9.9190, 15.9426)

Have a look what the booklet for
XYZ(10.6421, 9.9190, 15.9426)
contains.

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Color

**XYZ(10.5467, 9.8245,
15.8084)**

Conversions

Conversions Part 1

Format	Color
Hex	5E546D
RGB	94, 84, 109
RGB Percent	37%, 33%, 43%
CMY	0.6314, 0.6706, 0.5725
CMYK	0.14, 0.23, 0.00, 0.57
HSL	264°, 13%, 38%
HSV	264°, 23%, 43%
XYZ	10.5467, 9.8245, 15.8084
YIQ	89.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

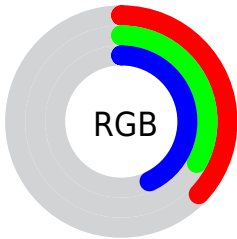
Format	Color
R_{YB}	94, 84, 109
Decimal	6181997
CIE Lab	37.53, 9.55, -12.83
CIE LCh	38, 15.998, 306.672
Yxy	9.8245, 0.2915, 0.2715
Android (android.graphics.Color)	4284372077 (0xFF5E546D)
YUV	89.8400, 9.4459, 3.6483
Hunter-Lab	31.3441, 5.2099, -7.9621

Details

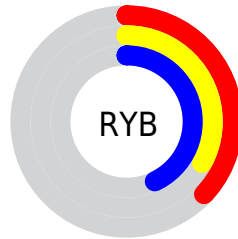
The XYZ color **10.5467, 9.8245, 15.8084** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2149, 14.2303, 10.4910**, and the grayscale version is **9.6625, 10.1657, 11.0705**.

A 20% lighter version of the original color is **26.6352, 25.6431, 37.2640**, and **2.7867, 2.4163, 4.7344** is the 20% darker color. If you saturate the color by 10%, you get **9.1232, 7.9312, 15.5181**, and if you desaturate by 10%, it is **12.1594, 12.0113, 16.1457**.

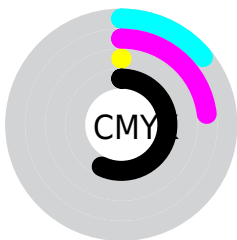
Distribution



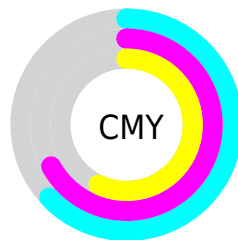
- Red (37%)
- Green (33%)
- Blue (43%)



- Red (37%)
- Yellow (33%)
- Blue (43%)



- Cyan (14%)
- Magenta (23%)
- Yellow (0%)
- Black (57%)



- Cyan (63%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5467, 9.8245, 15.8084 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 10.5467, 9.8245, 15.8084 by changing the saturation by 10% instead.

■ 10.5467, 9.8245,
15.8084

■ 10.5467, 9.8245,
15.8084

188.5039,
189.4149, 240.0154

■ 5.8279, 5.2828,
9.2358

■ 26.4593, 25.4649,
37.0274

■ 2.7804, 2.4141,
4.7964

■ 38.3838, 37.3323,
52.5109

■ 1.0387, 0.8331,
2.0717

■ 53.4410, 52.4104,
71.8017

■ 0.0000, 0.0000,
0.5988

■ 71.9962, 71.0836,
95.3185

■ 0.0000, 0.0000,
0.0000

■ 94.4147, 93.7362,
123.4797

121.0619,

120.7527, 156.7039

152.3032,
152.5175, 195.4096

■ 10.5467, 9.8245,
15.8084

■ 10.5467, 9.8245,
15.8084

■ 9.1232, 7.9312,
15.5181

■ 12.1594, 12.0113,
16.1457

■ 7.8804, 6.3172,
15.2721

■ 13.9673, 14.5025,
16.5312

■ 6.8107, 4.9692,
15.0683

■ 15.9775, 17.3097,
16.9671

■ 5.9054, 3.8721,
14.9043

■ 18.1962, 20.4438,
17.4551

■ 5.1549, 3.0093,
14.7773

■ 20.6294, 23.9150,
17.9969

4.5488, 2.3619,
14.6843

23.2831, 27.7332,
18.5940

4.0731, 1.9050,
14.6211

26.1627, 31.9077,
19.2480

3.7817, 1.6307,
14.5835

29.2736, 36.4476,
19.9603

32.6210, 41.3615,
20.7324

Harmonies

Analogous

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



9.5654, 9.8245, 17.2286



10.5467, 9.8245, 15.8084



11.2376, 9.8245, 13.0549

Triad

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



10.5467, 9.8245, 15.8084



10.1284, 9.8245, 6.3589



7.5384, 9.8245, 11.3566

Complementary

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



10.5467, 9.8245, 15.8084



12.2149, 14.2303, 10.4910

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.



7.6654, 9.8245, 8.6420



10.5467, 9.8245, 15.8084



9.1140, 9.8245, 6.0685

Square

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



10.5467, 9.8245, 15.8084



10.9842, 9.8245, 7.7069



8.2252, 9.8245, 6.8268



7.8649, 9.8245, 14.3755

Rectangle

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



10.5467, 9.8245, 15.8084



11.4144, 9.8245, 11.0235



8.2252, 9.8245, 6.8268



7.5298, 9.8245, 10.3775

Sweetspot

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



10.5470, 9.8249, 15.8086



23.5876, 24.0002, 29.2965



10.9183, 11.9922, 16.2074



5.4622, 5.5481, 6.8118



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.5470, 9.8249, 15.8086



17.3561, 15.5494, 27.9938



11.8847, 10.5145, 15.8712



3.0523, 3.0787, 3.8683



4.3969, 1.8937, 17.0560



21.4778, 9.1718, 86.8645

Inverse Universe

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



11.7295, 10.4932, 13.2122



19.9434, 17.0131, 22.2460



10.9920, 13.5998, 10.4338



3.1688, 3.1444, 3.6193



8.4942, 4.2498, 6.2311



42.8445, 21.4798, 29.4478

Previews

White Background



This preview shows how the XYZ color 10.5467, 9.8245, 15.8084 looks on a white background.

Color Contrast Check

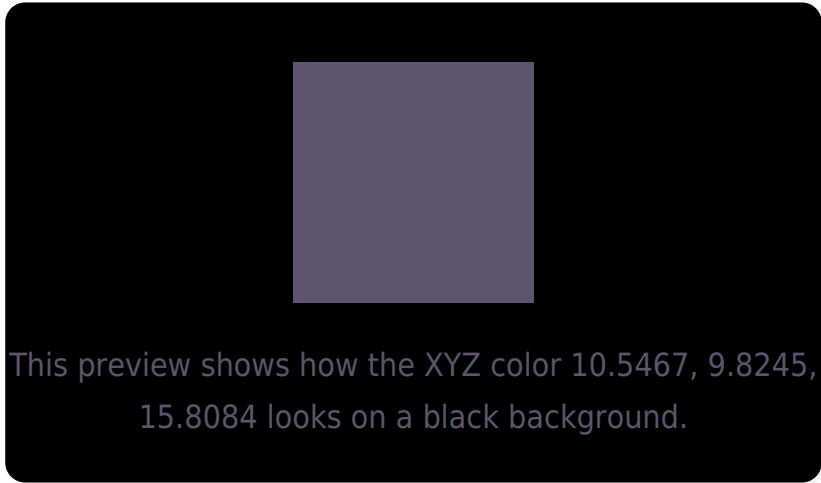
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 10.5467, 9.8245, 15.8084

Background



This preview shows how black text looks on a background with the XYZ color 10.5467, 9.8245, 15.8084.



This preview shows how white text looks on a background with the XYZ color 10.5467, 9.8245,

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

10.5467, 9.8245, 15.8084

Protanopia

9.7571, 9.7579, 16.4081

Deuteranopia

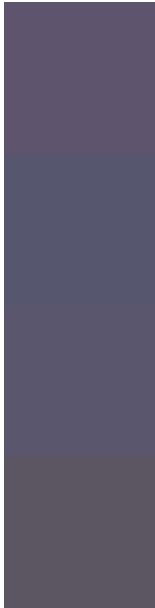
10.0990, 9.9468, 15.8556



Tritanopia

9.7430, 9.8487, 11.9772

Trichromacy



Original Color

10.5467, 9.8245, 15.8084

Protanomaly

9.9800, 9.7598, 16.1097

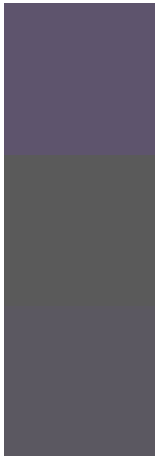
Deuteranomaly

10.3046, 9.9334, 15.8422

Tritanomaly

9.9936, 9.8317, 13.1754

Monochromacy



Original Color

10.5467, 9.8245, 15.8084

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.9618, 10.0667, 12.7273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5467, 9.8245, 15.8084 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, 84, 109) looks like.

```
.text, #text, p{  
    color:rgb(94, 84, 109)  
}
```

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, 84, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 84, 109) }
```

Border

The CSS property to change the border of an element to XYZ 10.5467, 9.8245, 15.8084 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, 84, 109) }
```


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

```
.border{ border-color:rgb(94, 84, 109) }
```

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

Here you see how a box with a 4 pixel rgb(94, 84, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 84, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 84, 109);  
box-shadow:4px 4px 4px 4px rgb(94, 84,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5467, 9.8245, 15.8084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 84, 109) }
```

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

```
.background{ background-color: rgb(94, 84,  
109) }
```

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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