

Converting Colors

XYZ(10.4942, 10.2223, 7.9073)

Have a look what the booklet for
XYZ(10.4942, 10.2223, 7.9073)
contains.

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Color

**XYZ(10.5077, 10.2142,
7.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	6A564A
RGB	106, 86, 74
RGB Percent	42%, 34%, 29%
CMY	0.5843, 0.6627, 0.7098
CMYK	0.00, 0.19, 0.30, 0.58
HSL	23°, 18%, 35%
HSV	23°, 30%, 42%
XYZ	10.5077, 10.2142, 7.8963
YIQ	90.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

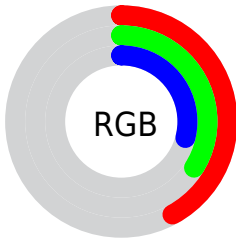
Format	Color
RYB	106, 93, 74
Decimal	6968906
CIELab	38.22, 6.25, 10.09
CIElCh	38, 11.864, 58.229
Yxy	10.2142, 0.3672, 0.3569
Android (android.graphics.Color)	4285158986 (0xFF6A564A)
YUV	90.6120, -8.1897, 13.4953
Hunter-Lab	31.9597, 2.7578, 7.7229

Details

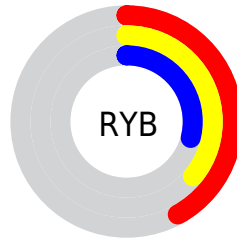
The XYZ color **10.5077, 10.2142, 7.8963** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.4281, 10.5015, 15.1658**, and the grayscale version is **9.8717, 10.3858, 11.3101**.

A 20% lighter version of the original color is **26.4799, 26.3075, 22.4211**, and **2.7722, 2.5792, 1.5800** is the 20% darker color. If you saturate the color by 10%, you get **9.6757, 9.0743, 6.0031**, and if you desaturate by 10%, it is **11.4495, 11.4772, 10.1233**.

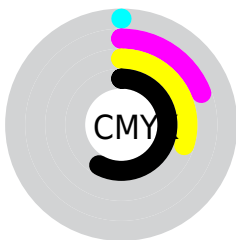
Distribution



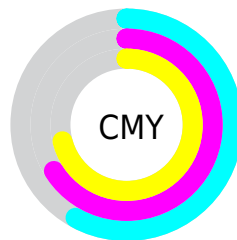
- Red (42%)
- Green (34%)
- Blue (29%)



- Red (42%)
- Yellow (36%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (58%)



- Cyan (58%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5077, 10.2142, 7.8963 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 10.5077, 10.2142, 7.8963 by changing the saturation by 10% instead.

■ 10.5077, 10.2142,
7.8963

■ 10.5077, 10.2142,
7.8963

188.2371,
192.1941, 184.8205

■ 5.8017, 5.5412,
3.9418

■ 26.3873, 26.1976,
22.2977

■ 2.7644, 2.5682,
1.5935

■ 38.2915, 38.2768,
33.5817

■ 1.0304, 0.9107,
0.2862

■ 53.3259, 53.5936,
48.1460

■ 0.0000, 0.0000,
0.0000

■ 71.8557, 72.5323,
66.4091

■ 94.2464, 95.4772,
88.7896

120.8633,

122.8129, 115.7060

152.0718,
154.9238, 147.5767

■ 10.5077, 10.2142,
7.8963

■ 10.5077, 10.2142,
7.8963

■ 9.6757, 9.0743,
6.0031

■ 11.4495, 11.4772,
10.1233

■ 8.9484, 8.0523,
4.4268

■ 12.5043, 12.8655,
12.6986

■ 8.3212, 7.1445,
3.1498

■ 13.6763, 14.3831,
15.6368

■ 7.7893, 6.3465,
2.1527

■ 14.9691, 16.0334,
18.9513

■ 7.3470, 5.6538,
1.4136

■ 16.3863, 17.8197,
22.6549

■ 6.9880, 5.0612,
0.9073

■ 17.9312, 19.7450,
26.7596

■ 6.6945, 4.5655,
0.5284

■ 19.6069, 21.8124,
31.2772

■ 21.4167, 24.0247,
36.2188

■ 23.3635, 26.3849,
41.5952

Harmonies

Analogous

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



11.0700, 10.2142, 9.2366



10.5077, 10.2142, 7.8963



9.7541, 10.2142, 7.4036

Triad

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



10.5077, 10.2142, 7.8963



8.3043, 10.2142, 10.9912



10.4245, 10.2142, 15.2846

Complementary

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



10.5077, 10.2142, 7.8963



9.4281, 10.5015, 15.1658

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.



9.6627, 10.2142, 15.9130



10.5077, 10.2142, 7.8963



8.4631, 10.2142, 13.2468

Square

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



10.5077, 10.2142, 7.8963



8.5049, 10.2142, 9.0378



8.9505, 10.2142, 15.1235



11.0202, 10.2142, 13.5031

Rectangle

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



10.5077, 10.2142, 7.8963



9.2531, 10.2142, 7.5652



8.9505, 10.2142, 15.1235



10.1781, 10.2142, 15.6473

Sweetspot

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



10.5080, 10.2147, 7.8965



22.1297, 22.8196, 22.7433



10.4251, 8.7748, 11.7969



5.1334, 5.2797, 5.2025



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.



10.5080, 10.2147, 7.8965



17.4271, 16.5418, 11.5347



11.9052, 13.0091, 8.3622



3.1841, 3.2855, 3.2838



8.2771, 5.6038, 0.6454



41.3979, 26.9995, 3.0295

Inverse Universe

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



9.4281, 10.5015, 15.1658



15.2119, 17.1263, 26.4350



8.1691, 7.9833, 14.7461



3.0911, 3.3105, 3.9109



5.6311, 6.0965, 17.8022



27.8390, 29.3566, 90.4253

Previews

White Background



This preview shows how the XYZ color 10.5077, 10.2142, 7.8963 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 10.5077, 10.2142, 7.8963 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 10.5077, 10.2142, 7.8963

Background



This preview shows how black text looks on a background with the XYZ color 10.5077, 10.2142, 7.8963.



This preview shows how white text looks on a background with the XYZ color 10.5077, 10.2142,

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

10.5077, 10.2142, 7.8963

Protanopia

9.6800, 10.2670, 8.3090

Deuteranopia

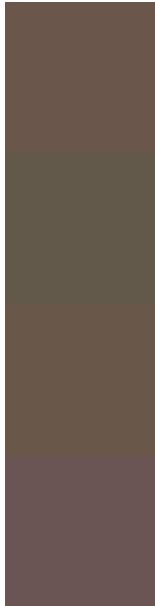
10.3531, 10.2539, 7.9121



Tritanopia

11.2001, 10.2670, 11.0643

Trichromacy



Original Color

10.5077, 10.2142, 7.8963

Protanomaly

9.9880, 10.3054, 8.1193

Deuteranomaly

10.4699, 10.3141, 7.9176

Tritanomaly

10.9121, 10.2629, 9.7933

Monochromacy



Original Color

10.5077, 10.2142, 7.8963

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0359, 10.2874, 10.0511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5077, 10.2142, 7.8963 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(106, 86, 74)` looks like.

```
.text, #text, p{  
    color:rgb(106, 86, 74)  
}
```

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(106, 86, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 86, 74) }
```

Border

The CSS property to change the border of an element to XYZ 10.5077, 10.2142, 7.8963 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(106, 86, 74) }
```


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

```
.border{ border-color:rgb(106, 86, 74) }
```

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

Here you see how a box with a 4 pixel rgb(106, 86, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 86, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 86, 74);  
box-shadow:4px 4px 4px 4px rgb(106, 86,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5077, 10.2142, 7.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 86, 74) }
```

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

```
.background{ background-color: rgb(106, 86,  
74) }
```

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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