

Converting Colors

XYZ(10.7139, 12.7685, 12.5404)

Have a look what the booklet for
XYZ(10.7139, 12.7685, 12.5404)
contains.

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Color

**XYZ(10.7281, 12.7961,
12.4941)**

Conversions

Conversions Part 1

Format	Color
Hex	54695E
RGB	84, 105, 94
RGB Percent	33%, 41%, 37%
CMY	0.6706, 0.5882, 0.6314
CMYK	0.20, 0.00, 0.10, 0.59
HSL	149°, 11%, 37%
HSV	149°, 20%, 41%
XYZ	10.7281, 12.7961, 12.4941
YIQ	97.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

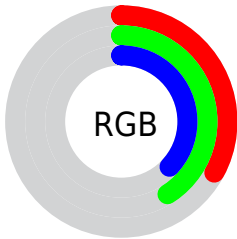
Format	Color
R_{YB}	84, 98, 105
Decimal	5531998
CIE Lab	42.45, -10.32, 3.60
CIE LCh	42, 10.929, 160.792
Yxy	12.7961, 0.2979, 0.3553
Android (android.graphics.Color)	4283722078 (0xFF54695E)
YUV	97.4670, -1.7092, -11.8106
Hunter-Lab	35.7716, -9.0673, 4.3317

Details

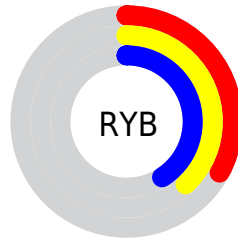
The XYZ color **10.7281, 12.7961, 12.4941** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0620, 10.1705, 12.2071**, and the grayscale version is **11.4833, 12.0813, 13.1565**.

A 20% lighter version of the original color is **26.7540, 30.8589, 30.9318**, and **2.8459, 3.6516, 3.3511** is the 20% darker color. If you saturate the color by 10%, you get **9.6198, 12.2526, 11.1995**, and if you desaturate by 10%, it is **11.9956, 13.4203, 13.8886**.

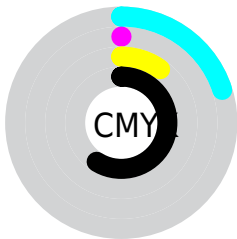
Distribution



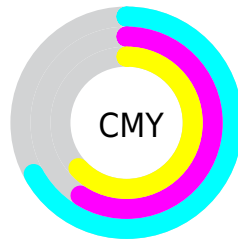
- Red (33%)
- Green (41%)
- Blue (37%)



- Red (33%)
- Yellow (38%)
- Blue (41%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (59%)



- Cyan (67%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7281, 12.7961, 12.4941 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 10.7281, 12.7961, 12.4941 by changing the saturation by 10% instead.

■ 10.7281, 12.7961,
12.4941

■ 10.7281, 12.7961,
12.4941

189.7396,
209.6067, 218.7422

■ 5.9502, 7.2883,
6.9545

■ 26.7937, 30.9370,
31.0696

■ 2.8552, 3.6430,
3.3557

■ 38.8122, 44.3388,
44.9426

■ 1.0777, 1.4760,
1.2790

■ 53.9749, 61.1408,
62.4305

■ 0.0063, 0.2717,
0.0445

■ 72.6472, 81.7274,
83.9518

■ 0.0000, 0.0000,
0.0000

■ 95.1945, 106.4828,
109.9251

121.9821,

135.7916, 140.7689

153.3753,
170.0381, 176.9018

■ 10.7281, 12.7961,
12.4941

■ 10.7281, 12.7961,
12.4941

■ 9.6198, 12.2526,
11.1995

■ 11.9956, 13.4203,
13.8886

■ 8.6631, 11.7849,
10.0017

■ 13.4276, 14.1269,
15.3841

■ 7.8511, 11.3899,
8.8986

■ 15.0301, 14.9193,
16.9832

■ 7.1763, 11.0637,
7.8879

■ 16.8088, 15.8004,
18.6877

■ 6.6302, 10.8020,
6.9671

■ 18.7690, 16.7729,
20.4997

■ 6.2033, 10.5999,
6.1336

■ 20.9159, 17.8393,
22.4210

■ 5.8848, 10.4520,
5.3845

■ 23.2542, 19.0022,
24.4534

■ 5.6275, 10.3339,
4.7153

■ 25.7887, 20.2639,
26.5988

■ 28.5239, 21.6267,
28.8589

Harmonies

Analogous

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



11.1573, 12.7961, 10.7751



10.7281, 12.7961, 12.4941



10.6729, 12.7961, 14.7989

Triad

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



10.7281, 12.7961, 12.4941



12.4611, 12.7961, 18.8765



13.4003, 12.7961, 11.1763

Complementary

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



10.7281, 12.7961, 12.4941



11.0620, 10.1705, 12.2071

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.



13.7842, 12.7961, 13.1011



10.7281, 12.7961, 12.4941



13.2259, 12.7961, 17.6539

Square

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



10.7281, 12.7961, 12.4941



11.6490, 12.7961, 18.6665



13.7190, 12.7961, 15.4779



12.6905, 12.7961, 10.0757

Rectangle

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



10.7281, 12.7961, 12.4941



10.8528, 12.7961, 16.3844



13.7190, 12.7961, 15.4779



13.5732, 12.7961, 11.7388

Sweetspot

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



10.7285, 12.7966, 12.4944



22.4248, 24.4962, 25.8716



11.3924, 13.1874, 10.3327



5.2282, 5.7260, 6.0344



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.



10.7285, 12.7966, 12.4944



18.2442, 22.4387, 21.2625



11.2221, 12.9941, 15.0940



3.1184, 3.4665, 3.6073



7.1065, 13.0767, 5.8720



35.7771, 66.4579, 27.6367

Inverse Universe

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



11.0620, 10.1705, 12.2071



18.9585, 16.8144, 20.6470



10.6242, 9.9953, 9.9015



3.1598, 3.1408, 3.5717



8.2309, 4.1445, 4.8445



41.4985, 20.9413, 22.3594

Previews

White Background



This preview shows how the XYZ color 10.7281, 12.7961, 12.4941 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 10.7281, 12.7961, 12.4941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

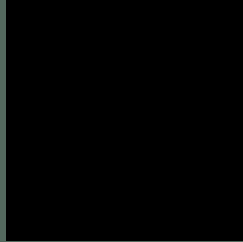
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7281, 12.7961, 12.4941

Background



This preview shows how black text looks on a background with the XYZ color 10.7281, 12.7961, 12.4941.



This preview shows how white text looks on a background with the XYZ color 10.7281, 12.7961,

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

10.7281, 12.7961, 12.4941

Protanopia

12.1544, 12.8127, 11.7300

Deuteranopia

12.9416, 12.7734, 12.8498



Tritanopia

11.6500, 12.8744, 16.9099

Trichromacy



Original Color

10.7281, 12.7961, 12.4941

Protanomaly

11.6129, 12.8168, 11.9870

Deuteranomaly

11.9896, 12.7073, 12.6473

Tritanomaly

11.3379, 12.8990, 15.2568

Monochromacy



Original Color

10.7281, 12.7961, 12.4941

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.0821, 12.2342, 12.8437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7281, 12.7961, 12.4941 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(84, 105, 94) looks like.

```
.text, #text, p{  
    color:rgb(84, 105, 94)  
}
```

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(84, 105, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 105, 94) }
```

Border

The CSS property to change the border of an element to XYZ 10.7281, 12.7961, 12.4941 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(84, 105, 94) }
```


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

```
.border{ border-color:rgb(84, 105, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 105, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 105, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 105, 94);  
box-shadow:4px 4px 4px 4px rgb(84, 105,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7281, 12.7961, 12.4941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 105, 94) }
```

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

```
.background{ background-color: rgb(84, 105,  
94) }
```

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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