Converting Colors

XYZ(7.2821, 6.7422, 5.4356)

Have a look what the booklet for XYZ(7.2821, 6.7422, 5.4356) contains.

XYZ(7.2510, 6.7062, 5.4697) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 27
- ***CSS Examples*** 30

Color

XYZ(7.2510, 6.7062, 5.4697)

Conversions

Conversions Part 1

Format	Color
Hex	5B443E
RGB	91, 68, 62
RGB Percent	36%, 27%, 24%
CMY	0.6431, 0.7333, 0.7569
CMYK	0.00, 0.25, 0.32, 0.64
HSL	12°, 19%, 30%
HSV	12°, 32%, 36%
XYZ	7.2510, 6.7062, 5.4697
YIQ	74.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

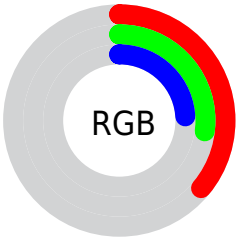
Format	Color
RYB	91, 70, 62
Decimal	5981246
CIELab	31.13, 8.92, 7.46
CIELCh	31, 11.628, 39.911
Yxy	6.7062, 0.3732, 0.3452
Android (android.graphics.Color)	4284171326 (0xFF5B443E)
YUV	74.1930, -6.0111, 14.7397
Hunter-Lab	25.8963, 4.6616, 5.6045

Details

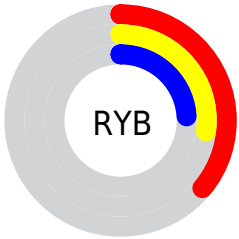
The XYZ color 7.2510, 6.7062, 5.4697 is a dark color, and the websafe version is hex 663333. A complement of this color would be 7.1233, 8.2762, 11.1195, and the grayscale version is 6.5518, 6.8930, 7.5065.

A 20% lighter version of the original color is 20.1610, 19.3457, 17.1395, and 1.5126, 1.2812, 0.8294 is the 20% darker color. If you saturate the color by 10%, you get 6.6120, 5.7950, 4.1262, and if you desaturate by 10%, it is 7.9859, 7.7423, 7.0517.

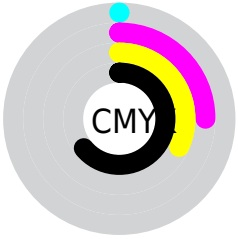
Distribution



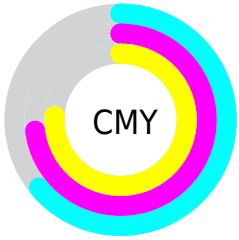
- Red (36%)
- Green (27%)
- Blue (24%)



- Red (36%)
- Yellow (27%)
- Blue (24%)



- Cyan (0%)
- Magenta (25%)
- Yellow (32%)
- Black (64%)



- Cyan (64%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.2510, 6.7062, 5.4697 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 7.2510, 6.7062, 5.4697 by changing the saturation by 10% instead.

7.2510, 6.7062, 5.4697

7.2510, 6.7062, 5.4697

164.2329, 165.1996, 163.3786

3.6673, 3.2790, 2.4619

20.1762, 19.3797, 17.2781

1.5157, 1.2791, 0.8199

30.2483, 29.3948, 26.9158

0.3365, 0.1249, 0.0000

43.2140, 42.3747, 39.6005

0.0000, 0.0000, 0.0000

59.4386, 58.7038, 55.7508

79.2875, 78.7664, 75.7852

103.1259,

102.9470, 100.1223

131.3193, 131.6299, 129.1806

7.2510, 6.7062, 5.4697

7.2510, 6.7062, 5.4697

6.6120, 5.7950, 4.1262

7.9859, 7.7423, 7.0517

6.0645, 5.0029, 3.0093

8.8200, 8.9068, 8.8827

5.6042, 4.3254, 2.1064

9.7571, 10.2043, 10.9729

5.2264, 3.7570, 1.4038

10.8005, 11.6388, 13.3320

4.9260, 3.2918, 0.8858

11.9536, 13.2141, 15.9690

4.6962, 2.9230, 0.5292

4.5445, 2.6843, 0.2786

13.2193, 14.9340, 18.8926

14.6007, 16.8021, 22.1111

16.1006, 18.8219, 25.6325

17.7218, 20.9966, 29.4645

Harmonies

Analogous

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

7.5142, 6.7062, 6.7755

7.2510, 6.7062, 5.4697

6.7574, 6.7062, 4.7359

Triad

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

7.2510, 6.7062, 5.4697

5.4004, 6.7062, 6.2773

6.5643, 6.7062, 10.8456

Complementary

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

7.2510, 6.7062, 5.4697

7.1233, 8.2762, 11.1195

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.

6.0054, 6.7062, 10.6593

7.2510, 6.7062, 5.4697

5.3555, 6.7062, 7.8549

Square

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

7.2510, 6.7062, 5.4697

5.6973, 6.7062, 5.1517

5.5708, 6.7062, 9.5034

7.1024, 6.7062, 9.9799

Rectangle

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

7.2510, 6.7062, 5.4697

6.3757, 6.7062, 4.5944

5.5708, 6.7062, 9.5034

6.3723, 6.7062, 10.9066

Sweetspot

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

7.2512, 6.7065, 5.4698

15.3180, 15.5591, 15.7146

7.6847, 6.3285, 9.4526

3.6703, 3.7161, 3.7270

46.7556, 49.1905, 53.5685

4.1094, 4.3234, 4.7081

Same Dimension

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

7.2512, 6.7065, 5.4698

11.5837, 10.3074, 7.6348

8.2239, 8.6519, 5.7941

2.3651, 2.4152, 2.4678

6.6873, 3.8933, 0.3990

36.0769, 20.2339, 2.0041

Inverse Universe

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

7.1233, 8.2762, 11.1195

11.3259, 13.4381, 18.9191

6.1092, 6.2480, 10.7815

2.3545, 2.5472, 2.9420

6.2001, 7.9274, 15.8555

33.3056, 42.1184, 86.6100

Previews

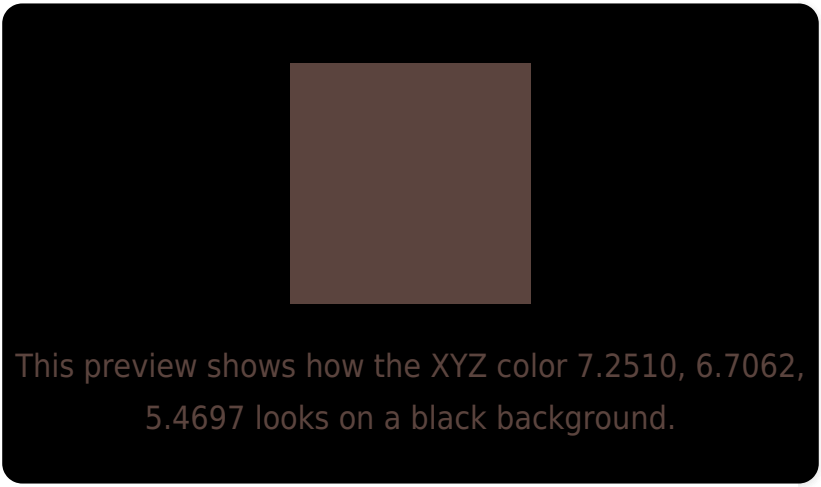
White Background

This preview shows how the XYZ color 7.2510, 6.7062, 5.4697 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

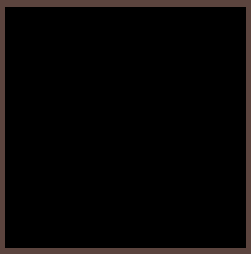


Color Contrast Check

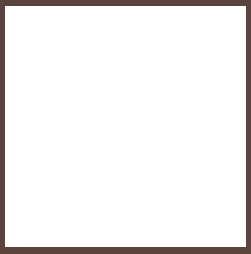
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 7.2510, 6.7062, 5.4697 Background



This preview shows how black text looks on a background with the XYZ color 7.2510, 6.7062, 5.4697.



This preview shows how white text looks on a background with the XYZ color 7.2510, 6.7062, 5.4697.

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
7.2510, 6.7062, 5.4697

Protanopia
6.3972, 6.7245, 5.9618

Deuteranopia
6.8419, 6.7747, 5.3619

Tritanopia
7.5905, 6.7575, 7.0352

Trichromacy

Original Color
7.2510, 6.7062, 5.4697

Protanomaly
6.6583, 6.6705, 5.7871

Deuteranomaly
6.9629, 6.7435, 5.3495

Tritanomaly
7.4642, 6.7070, 6.3700

Monochromacy

Original Color
7.2510, 6.7062, 5.4697

Achromatopsia
6.5089, 6.8478, 7.4573

Achromatomaly
6.7311, 6.7824, 6.7487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.2510, 6.7062, 5.4697 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(91, 68, 62) looks like.

```
.text, #text, p{
    color:rgb(91, 68, 62)
}
```

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(91, 68, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 68, 62) }
```

Border

The CSS property to change the border of an element to XYZ 7.2510, 6.7062, 5.4697 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(91, 68, 62) }
```

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

```
.border{ border-color:rgb(91, 68, 62) }
```

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

Here you see how a box with a 4 pixel rgb(91, 68, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 68, 62); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 68, 62); box-shadow:4px 4px 4px 4px rgb(91, 68, 62) }
```

Background

The CSS property to change the background color of an element to XYZ 7.2510, 6.7062, 5.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(91, 68, 62) }
```

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

```
.background{ background-color:rgb(91, 68,
62) }
```

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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