Converting Colors

XYZ(70.7541, 75.1431, 82.4814)

Have a look what the booklet for XYZ(70.7541, 75.1431, 82.4814) contains.

Color

XYZ(70.7426, 75.2559, 82.7488)

Conversions

Format	Color
Hex	DDE2E2
RGB	221, 226, 226
RGB Percent	87%, 89%, 89%
CMY	0.1333, 0.1137, 0.1137
CMYK	0.02, 0.00, 0.00, 0.11
HSL	180°, 8%, 88%
HSV	180°, 2%, 89%
XYZ	70.7426, 75.2559, 82.7488
YIQ	224.5050, -2.9800, -1.0600

Conversions Part 1

Conversions

Conversions Part 2

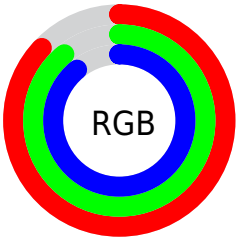
Format	Color
RYB	221, 224, 226
Decimal	14541538
CIELab	89.51, -1.67, -0.60
CIELCh	90, 1.775, 199.620
Yxy	75.2559, 0.3093, 0.3290
Android (android.graphics.Color)	4292731618 (0xFFDDE2E2)
YUV	224.5050, 0.7370, -3.0739
Hunter-Lab	86.7502, -6.2505, 4.1699

Details

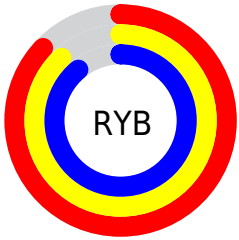
The XYZ color 70.7426, 75.2559, 82.7488 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 70.2744, 73.1040, 78.8169, and the grayscale version is 71.2111, 74.9196, 81.5875.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 37.6395, 40.1731, 44.2984 is the 20% darker color. If you saturate the color by 10%, you get 64.3176, 71.9461, 82.4371, and if you desaturate by 10%, it is 78.0982, 79.0497, 83.1071.

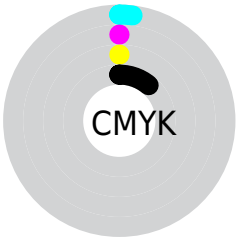
Distribution



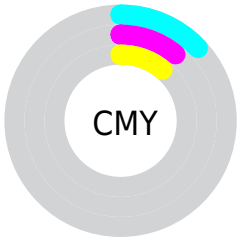
- Red (87%)
- Green (89%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7426, 75.2559, 82.7488 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 70.7426, 75.2559, 82.7488 by changing the saturation by 10% instead.

70.7426, 75.2559, 82.7488

70.7426, 75.2559, 82.7488

452.3790, 478.7967, 524.0980

52.4139, 55.8226, 61.4435

119.2877, 126.6745, 139.0697

37.5607, 40.0607, 44.1503

150.2348, 159.4286, 174.9223

25.8176, 27.5859, 30.4507

186.1187, 197.3917, 216.4613

16.8192, 18.0137, 19.9259

227.3049, 240.9483, 264.1049

10.2002, 10.9598, 12.1577

274.1587, 290.4827, 318.2719

5.5952, 6.0398, 6.7273

327.0454,

2.6388, 2.8693,

346.3792, 379.3807

386.3304, 409.0225, 447.8499

3.2163

0.9658, 1.0639, 1.2061

0.0000, 0.0000, 0.0000

70.7426, 75.2559, 82.7488

70.7426, 75.2559, 82.7488

64.3176, 71.9461, 82.4371

78.0982, 79.0497, 83.1071

58.7801, 69.0917, 82.1654

82.1703, 81.1487, 83.3102

54.0929, 66.6756, 81.9336

82.1727, 81.1496, 83.3229

50.2140, 64.6763, 81.7395

82.1751, 81.1506, 83.3355

47.0977, 63.0700, 81.5811

44.6937, 61.8310, 81.4561

42.9457, 60.9301, 81.3618

41.7891, 60.3341, 81.2951

41.1459, 60.0028, 81.2525

82.1775, 81.1515, 83.3482

82.1799, 81.1525, 83.3608

82.1823, 81.1535, 83.3735

82.1847, 81.1544, 83.3862

82.1871, 81.1554, 83.3988

Harmonies

Analogous

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

70.7079, 75.2559, 81.5095

70.7426, 75.2559, 82.7488

70.9873, 75.2559, 83.7814

Triad

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

70.7426, 75.2559, 82.7488

72.1683, 75.2559, 83.5044

71.6795, 75.2559, 79.6045

Complementary

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

70.7426, 75.2559, 82.7488

70.2744, 73.1040, 78.8169

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.

72.0724, 75.2559, 80.1275

70.7426, 75.2559, 82.7488

72.3553, 75.2559, 82.3737

Square

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

70.7426, 75.2559, 82.7488

71.8100, 75.2559, 84.2207

72.3201, 75.2559, 81.1382

71.2477, 75.2559, 79.7026

Rectangle

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

70.7426, 75.2559, 82.7488

71.2373, 75.2559, 84.2096

72.3201, 75.2559, 81.1382

71.8205, 75.2559, 79.7133

Sweetspot

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

70.7447, 75.2591, 82.7504

94.1177, 99.5194, 108.8547

70.0938, 75.0017, 79.1900

20.1549, 21.3063, 23.2999

0.0000, 0.0000, 0.0000

20.3446, 21.4041, 23.3091

Same Dimension

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

70.7447, 75.2591, 82.7504

92.2904, 98.5775, 108.7659

70.0922, 73.9531, 82.5355

14.9012, 15.9769, 17.6851

23.3336, 34.1583, 46.3411

1.6175, 2.3677, 3.2129

Inverse Universe

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

70.2744, 73.1040, 78.8169

91.4514, 94.7332, 101.7493

70.9171, 74.3902, 79.0286

14.7315, 15.1990, 16.2654

17.8939, 9.2246, 0.8413

1.2405, 0.6395, 0.0591

Previews

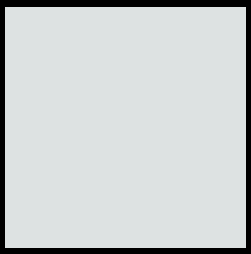
White Background

This preview shows how the XYZ color 70.7426, 75.2559, 82.7488 looks on a white 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

Black Background



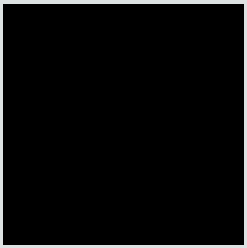
This preview shows how the XYZ color 70.7426, 75.2559, 82.7488 looks on a black background.

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

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

XYZ 70.7426, 75.2559, 82.7488 Background



This preview shows how black text looks on a background with the XYZ color 70.7426, 75.2559, 82.7488.

This preview shows how white text looks on a background with the XYZ color 70.7426, 75.2559,

82.7488.

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
70.7426, 75.2559, 82.7488

Protanopia
72.5594, 75.4056, 81.9646

Deuteranopia
76.7312, 75.1567, 83.8613

Tritanopia
72.9643, 75.3502, 93.9175

Trichromacy

Original Color
70.7426, 75.2559, 82.7488

Protanomaly
71.8799, 75.4554, 82.0100

Deuteranomaly
74.3137, 75.0918, 83.2505

Tritanomaly
72.1897, 75.4362, 90.1127

Monochromacy

Original Color
70.7426, 75.2559, 82.7488

Achromatopsia
71.5672, 75.2942, 81.9954

Achromatomaly
71.2563, 75.1340, 81.9809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7426, 75.2559, 82.7488 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(221, 226, 226) looks like.

```
.text, #text, p{
    color:rgb(221, 226, 226)
}
```

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(221, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 70.7426, 75.2559, 82.7488 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(221, 226, 226) }
```

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

```
.border{ border-color:rgb(221, 226, 226) }
```

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

Here you see how a box with a 4 pixel rgb(221, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 226, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 226, 226); box-shadow:4px 4px 4px 4px rgb(221, 226, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7426, 75.2559, 82.7488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(221, 226, 226) }
```

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

```
.background{ background-color:rgb(221,
226, 226) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor