Converting Colors

XYZ(72.9757, 76.7788, 83.5812)

Have a look what the booklet for XYZ(72.9757, 76.7788, 83.5812) contains.

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Color

XYZ(73.0128, 76.8151, 83.6517)

Conversions

Conversions Part 1

Format	Color
Hex	E3E3E3
RGB	227, 227, 227
RGB Percent	89%, 89%, 89%
CMY	0.1098, 0.1098, 0.1098
CMYK	0.00, 0.00, 0.00, 0.11
HSL	120°, 0%, 89%
HSV	120°, 0%, 89%
XYZ	73.0128, 76.8151, 83.6517
YIQ	227.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

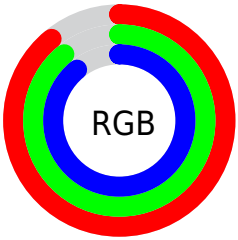
Format	Color
RYB	227, 227, 227
Decimal	14935011
CIELab	90.24, 0.00, -0.01
CIELCh	90, 0.011, 297.186
Yxy	76.8151, 0.3127, 0.3290
Android (android.graphics.Color)	4293125091 (0xFFE3E3E3)
YUV	227.0000, 0.0000, 0.0000
Hunter-Lab	87.6442, -4.6764, 4.7618

Details

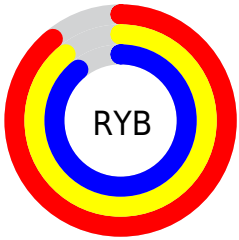
The XYZ color 73.0128, 76.8151, 83.6517 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 73.0156, 76.8172, 83.6558, and the grayscale version is 73.0156, 76.8180, 83.6549.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 39.2122, 41.2543, 44.9259 is the 20% darker color. If you saturate the color by 10%, you get 63.3990, 72.1987, 67.9565, and if you desaturate by 10%, it is 83.9855, 82.0890, 101.5562.

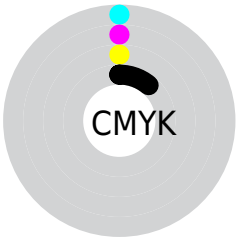
Distribution



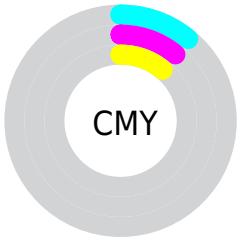
- Red (89%)
- Green (89%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0128, 76.8151, 83.6517 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 73.0128, 76.8151, 83.6517 by changing the saturation by 10% instead.

73.0128, 76.8151, 83.6517

460.1623, 484.1334, 527.1837

122.4984, 128.8784, 140.3452

153.9768, 161.9966, 176.4083

190.4327, 200.3516, 218.1737

232.2314, 244.3279, 266.0599

279.7384, 294.3098, 320.4855

333.3190,

73.0128, 76.8151, 83.6517

54.2748, 57.1011, 62.1842

39.0530, 41.0864, 44.7448

26.9819, 28.3866, 30.9150

17.6961, 18.6173, 20.2762

10.8304, 11.3941, 12.4099

6.0194, 6.3326, 6.8976

2.8976, 3.0483,

350.6818, 381.8689

393.3385, 413.8282, 450.6288

3.3206

1.0999, 1.1570, 1.2606

0.0250, 0.0262, 0.0292

73.0128, 76.8151, 83.6517

63.3990, 72.1987, 67.9565

55.0851, 68.2045, 54.3802

48.0171, 64.8091, 42.8337

42.1353, 61.9836, 33.2193

73.0128, 76.8151, 83.6517

83.9855, 82.0890, 101.5562

86.7605, 83.4211, 106.1368

37.3745, 59.6968, 25.4318

33.6636, 57.9144, 19.3554

30.9233, 56.5984, 14.8615

29.0631, 55.7051, 11.8032

27.9752, 55.1830, 10.0062

Harmonies

Analogous

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

73.0102, 76.8151, 83.6533

73.0128, 76.8151, 83.6517

73.0148, 76.8151, 83.6466

Triad

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

73.0128, 76.8151, 83.6517

73.0132, 76.8151, 83.6262

73.0053, 76.8151, 83.6379

Complementary

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

73.0128, 76.8151, 83.6517

73.0156, 76.8172, 83.6558

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.

73.0061, 76.8151, 83.6306

73.0128, 76.8151, 83.6517

73.0107, 76.8151, 83.6239

Square

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

73.0128, 76.8151, 83.6517

73.0150, 76.8151, 83.6318

73.0081, 76.8151, 83.6255

73.0059, 76.8151, 83.6453

Rectangle

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

73.0128, 76.8151, 83.6517

73.0155, 76.8151, 83.6419

73.0081, 76.8151, 83.6255

73.0054, 76.8151, 83.6353

Sweetspot

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

73.0150, 76.8184, 83.6534

95.0500, 100.0000, 108.9000

73.0161, 76.8190, 83.6534

20.3446, 21.4041, 23.3091

0.0000, 0.0000, 0.0000

Same Dimension

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

73.0150, 76.8184, 83.6534

95.0500, 100.0000, 108.9000

73.0152, 76.8185, 83.6547

16.2198, 17.0645, 18.5832

16.0232, 32.0414, 5.3566

1.1847, 2.3680, 0.3993

Inverse Universe

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

73.0156, 76.8172, 83.6558

95.0500, 100.0000, 108.9000

73.0154, 76.8171, 83.6544

16.2198, 17.0645, 18.5832

26.5035, 12.7356, 43.1421

1.9592, 0.9414, 3.1915

Previews

White Background

This preview shows how the XYZ color 73.0128, 76.8151, 83.6517 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 73.0128, 76.8151, 83.6517 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 73.0128, 76.8151, 83.6517

Background

This preview shows how black text looks on a background with the XYZ color 73.0128, 76.8151, 83.6517.

This preview shows how white text looks on a background with the XYZ color 73.0128, 76.8151,

83.6517.

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
73.0128, 76.8151, 83.6517

Protanopia
73.8788, 76.8726, 82.8956

Deuteranopia
78.3082, 76.7443, 84.0846

Tritanopia
75.2653, 76.9192, 94.8844

Trichromacy

Original Color
73.0128, 76.8151, 83.6517

Protanomaly
73.5570, 76.7067, 82.8805

Deuteranomaly
76.3264, 76.9021, 84.2195

Tritanomaly
74.4773, 77.0011, 91.0581

Monochromacy

Original Color
73.0128, 76.8151, 83.6517

Achromatopsia
73.0128, 76.8151, 83.6517

Achromatomaly
73.0128, 76.8151, 83.6517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0128, 76.8151, 83.6517 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(227, 227, 227) looks like.

```
.text, #text, p{
    color:rgb(227, 227, 227)
}
```

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(227, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 73.0128, 76.8151, 83.6517 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(227, 227, 227) }
```

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

```
.border{ border-color:rgb(227, 227, 227) }
```

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

Here you see how a box with a 4 pixel rgb(227, 227, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 227, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 227, 227); box-shadow:4px 4px 4px 4px rgb(227, 227, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0128, 76.8151, 83.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(227, 227, 227) }
```

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

```
.background{ background-color:rgb(227, 227, 227) }
```

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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