

Converting Colors

XYZ(51.3953, 35.3238, 23.8122)

Have a look what the booklet for
XYZ(51.3953, 35.3238, 23.8122)
contains.

XYZ(51.2513, 35.2571, 23.8427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.2513, 35.2571,
23.8427)**

Conversions

Conversions Part 1

Format	Color
Hex	FF747E
RGB	255, 116, 126
RGB Percent	100%, 45%, 49%
CMY	0.0000, 0.5451, 0.5059
CMYK	0.00, 0.55, 0.51, 0.00
HSL	356°, 100%, 73%
HSV	356°, 55%, 100%
XYZ	51.2513, 35.2571, 23.8427
YIQ	158.7010, 79.6340, 32.5780

Conversions

Conversions Part 2

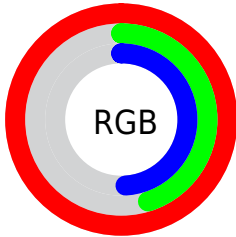
Format	Color
RYB	255, 116, 126
Decimal	16741502
CIELab	65.95, 53.74, 20.74
CIELCh	66, 57.605, 21.104
Yxy	35.2571, 0.4644, 0.3195
Android (android.graphics.Color)	4294931582 (0xFFFF747E)
YUV	158.7010, -16.1216, 84.4542
Hunter-Lab	59.3777, 50.1597, 17.7569

Details

The XYZ color **51.2513, 35.2571, 23.8427** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.4460, 81.8264, 99.0528**, and the grayscale version is **32.8651, 34.5766, 37.6539**.

A 20% lighter version of the original color is **64.1292, 54.0197, 49.6947**, and **25.0006, 15.2108, 8.6395** is the 20% darker color. If you saturate the color by 10%, you get **47.3540, 29.6243, 15.8797**, and if you desaturate by 10%, it is **56.3182, 42.6512, 33.9782**.

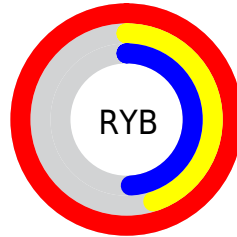
Distribution



Red (100%)

Green (45%)

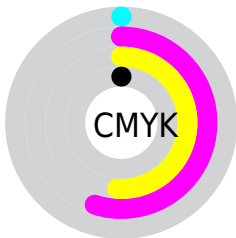
Blue (49%)



Red (100%)

Yellow (45%)

Blue (49%)

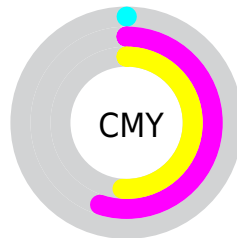


Cyan (0%)

Magenta (55%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2513, 35.2571, 23.8427 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 51.2513, 35.2571, 23.8427 by changing the saturation by 10% instead.


 51.2513, 35.2571,
23.8427


 51.2513, 35.2571,
23.8427


381.9109,
325.7017, 285.2852

 36.6305, 23.8610,
15.0059


 91.2069, 67.8839,
50.7140

 25.0939, 15.2305,
8.6768


 117.2724, 89.8833,
69.5855

 16.2761, 8.9813,
4.4371


 147.8836,
116.1860, 92.6390

 9.8118, 4.7290,
1.8681

183.4057,
147.1763, 120.2931

 5.3357, 2.0892,
0.4723

224.2041,
183.2386, 152.9662

 2.4823, 0.6585,
0.0000

270.6442,

 0.8863, 0.0000,

224.7574, 191.0768

0.0000

323.0914,
272.1169, 235.0437

■ 0.0000, 0.0000,
0.0000

■ 51.2513, 35.2571,
23.8427

■ 51.2513, 35.2571,
23.8427

■ 47.3540, 29.6243,
15.8797

■ 56.3182, 42.6512,
33.9782

■ 44.5299, 25.6012,
9.9284

■ 62.6353, 51.9304,
46.4272

■ 42.6718, 23.0204,
5.8089

■ 70.2794, 63.2140,
61.3212

■ 41.6488, 21.6749,
3.3081

■ 79.3203, 76.6097,
78.7811

■ 41.3518, 21.3047,
2.5194

■ 89.8227, 92.2176,
98.9198

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



52.4587, 35.2571, 46.1170



51.2513, 35.2571, 23.8427



44.8955, 35.2571, 12.2143

Triad

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



51.2513, 35.2571, 23.8427



22.3017, 35.2571, 15.8098



31.0390, 35.2571, 105.9731

Complementary

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



51.2513, 35.2571, 23.8427



59.4460, 81.8264, 99.0528

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.



24.2345, 35.2571, 87.7556



51.2513, 35.2571, 23.8427



19.7826, 35.2571, 31.5764

Square

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



51.2513, 35.2571, 23.8427



27.9473, 35.2571, 9.1333



20.4245, 35.2571, 57.8992



39.7676, 35.2571, 100.9678

Rectangle

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



51.2513, 35.2571, 23.8427



39.1056, 35.2571, 8.8976



20.4245, 35.2571, 57.8992



28.4769, 35.2571, 102.1520

Sweetspot

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



51.2522, 35.2590, 23.8433



77.8790, 74.4711, 76.0063



61.4026, 38.8416, 98.8684



16.2554, 15.3261, 15.4706



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.



51.2522, 35.2590, 23.8433



47.1904, 29.3893, 15.5402



59.5136, 52.7628, 23.5730



18.0623, 18.0083, 18.9455



21.6264, 11.1398, 1.4170



2.1232, 1.0917, 0.2304

Inverse Universe

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



51.2522, 35.2590, 23.8433



47.1904, 29.3893, 15.5402



45.2394, 50.9054, 102.0489



18.0623, 18.0083, 18.9455



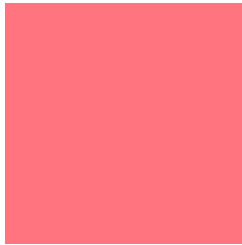
21.6264, 11.1398, 1.4170



2.1232, 1.0917, 0.2304

Previews

White Background



This preview shows how the XYZ color 51.2513, 35.2571, 23.8427 looks on a white background.

Color Contrast Check

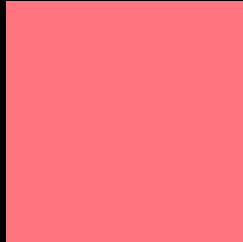
Large Text (above 18pt) WCAG AA × Fail

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 51.2513, 35.2571, 23.8427 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 51.2513, 35.2571, 23.8427

Background



This preview shows how black text looks on a background with the XYZ color 51.2513, 35.2571, 23.8427.



This preview shows how white text looks on a background with the XYZ color 51.2513, 35.2571,

23.8427.

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

51.2513, 35.2571, 23.8427

Protanopia

33.7736, 35.4637, 32.6689

Deuteranopia

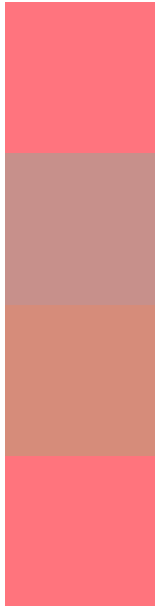
36.1810, 35.4144, 22.6980



Tritanopia

51.1235, 35.2060, 23.1697

Trichromacy



Original Color

51.2513, 35.2571, 23.8427

Protanomaly

38.1866, 33.9527, 28.9670

Deuteranomaly

40.6225, 34.4574, 22.9223

Tritanomaly

51.1871, 35.2315, 23.5045

Monochromacy



Original Color

51.2513, 35.2571, 23.8427

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.3371, 33.2208, 32.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2513, 35.2571, 23.8427 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(255, 116, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 126)  
}
```

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(255, 116, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 126) }
```

Border

The CSS property to change the border of an element to XYZ 51.2513, 35.2571, 23.8427 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(255, 116, 126) }
```


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

```
.border{ border-color:rgb(255, 116, 126) }
```

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

Here you see how a box with a 4 pixel rgb(255, 116, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2513, 35.2571, 23.8427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 126) }
```

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

```
.background{ background-color: rgb(255,  
116, 126) }
```

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