

Converting Colors

XYZ(39.6895, 20.8706, 6.4708)

Have a look what the booklet for
XYZ(39.6895, 20.8706, 6.4708)
contains.

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Color

**XYZ(39.5749, 20.8172,
6.4897)**

Conversions

Conversions Part 1

Format	Color
Hex	F7193E
RGB	247, 25, 62
RGB Percent	97%, 10%, 24%
CMY	0.0314, 0.9018, 0.7569
CMYK	0.00, 0.90, 0.75, 0.03
HSL	350°, 93%, 53%
HSV	350°, 90%, 97%
XYZ	39.5749, 20.8172, 6.4897
YIQ	95.5960, 120.4350, 58.5710

Conversions

Conversions Part 2

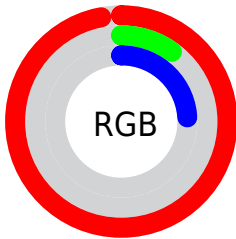
Format	Color
R_{YB}	247, 25, 62
Decimal	16193854
CIE _{Lab}	52.75, 77.03, 40.41
CIE _{LCh}	53, 86.986, 27.680
Yxy	20.8172, 0.5917, 0.3113
Android (android.graphics.Color)	4294383934 (0xFFFF7193E)
YUV	95.5960, -16.5628, 132.7813
Hunter-Lab	45.6259, 74.9818, 23.5049

Details

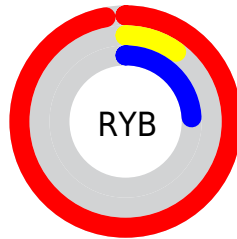
The XYZ color **39.5749, 20.8172, 6.4897** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **45.2991, 71.3829, 72.3845**, and the grayscale version is **11.0429, 11.6180, 12.6520**.

A 20% lighter version of the original color is **48.8058, 31.8885, 18.3346**, and **19.1823, 9.8743, 1.5567** is the 20% darker color. If you saturate the color by 10%, you get **38.7686, 19.9443, 3.9422**, and if you desaturate by 10%, it is **41.0322, 22.6506, 10.3096**.

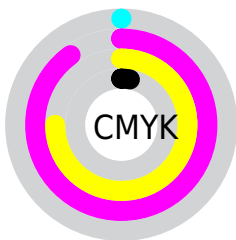
Distribution



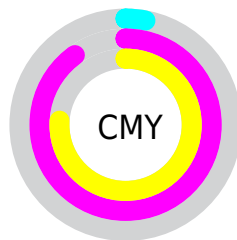
- Red (97%)
- Green (10%)
- Blue (24%)



- Red (97%)
- Yellow (10%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (75%)
- Black (3%)





- Cyan (3%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5749, 20.8172, 6.4897 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 39.5749, 20.8172, 6.4897 by changing the saturation by 10% instead.

 39.5749, 20.8172,
6.4897


 39.5749, 20.8172,
6.4897

335.4938,
256.3054, 172.8203


 27.3900, 12.9904,
3.0715


 73.8042, 44.7831,
19.4341

 18.0044, 7.4220,
1.1313


 96.5793, 61.6910,
29.7974


 11.0529, 3.7274,
0.0000


 123.6152, 82.3948,
43.3128

 6.1700, 1.5223,
0.0000

 155.2772,
107.2789, 60.3988

 2.9903, 0.3043,
0.0000

 191.9308,
136.7276, 81.4740

 1.1487, 0.0000,
0.0000

 233.9411,

 0.0652, 0.0000,

171.1253, 106.9570

0.0000

281.6737,
210.8564, 137.2662

■ 0.0000, 0.0000,
0.0000

■ 39.5749, 20.8172,
6.4897

■ 39.5749, 20.8172,
6.4897

■ 38.7686, 19.9443,
3.9422

■ 41.0322, 22.6506,
10.3096

■ 38.7601, 19.9351,
3.9153

■ 43.2922, 25.7124,
15.5587

■ 46.4548, 30.1721,
22.3644

■ 50.6047, 36.1717,
30.8389

■ 55.8165, 43.8355,
41.0840

62.1575, 53.2752,
53.1933

69.6895, 64.5927,
67.2536

78.4696, 77.8822,
83.3464

88.5513, 93.2316,
101.5483

Harmonies

Analogous

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



42.8018, 20.8172, 24.7468



39.5749, 20.8172, 6.4897



30.6404, 20.8172, 1.2421

Triad

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



39.5749, 20.8172, 6.4897



8.4119, 20.8172, 5.0855



19.0892, 20.8172, 118.0248

Complementary

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



39.5749, 20.8172, 6.4897



45.2991, 71.3829, 72.3845

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.



11.8559, 20.8172, 96.3971



39.5749, 20.8172, 6.4897



6.9833, 20.8172, 20.7060

Square

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



39.5749, 20.8172, 6.4897



12.7455, 20.8172, 0.9729



8.0195, 20.8172, 54.6484



29.0343, 20.8172, 101.7968

Rectangle

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



39.5749, 20.8172, 6.4897



23.7416, 20.8172, 0.4169



8.0195, 20.8172, 54.6484



16.2964, 20.8172, 114.7266

Sweetspot

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



39.5754, 20.8185, 6.4900



68.9794, 60.5006, 61.2367



43.7165, 21.1144, 89.7665



14.2088, 12.1175, 12.0613



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.



39.5754, 20.8185, 6.4900



41.6664, 21.4305, 4.1752



42.9973, 28.7722, 4.2090



16.6117, 16.5275, 17.7018



20.5335, 10.5568, 2.2519



1.8365, 0.9406, 0.3652

Inverse Universe

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



39.5754, 20.8185, 6.4900



41.6664, 21.4305, 4.1752



32.1357, 36.8136, 93.4071



16.6117, 16.5275, 17.7018



20.5335, 10.5568, 2.2519



1.8365, 0.9406, 0.3652

Previews

White Background



This preview shows how the XYZ color 39.5749, 20.8172, 6.4897 looks on a white 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

Black Background



This preview shows how the XYZ color 39.5749, 20.8172, 6.4897 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 × Fail

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

XYZ 39.5749, 20.8172, 6.4897

Background



This preview shows how black text looks on a background with the XYZ color 39.5749, 20.8172, 6.4897.



This preview shows how white text looks on a background with the XYZ color 39.5749, 20.8172,

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

39.5749, 20.8172, 6.4897

Protanopia

19.5460, 20.9287, 13.1347

Deuteranopia

21.3505, 20.9154, 5.7081



Tritanopia

38.7998, 20.8256, 3.1372

Trichromacy



Original Color

39.5749, 20.8172, 6.4897

Protanomaly

22.9621, 16.9689, 9.8497

Deuteranomaly

25.1263, 17.7012, 5.4605

Tritanomaly

38.8963, 20.7329, 4.0496

Monochromacy



Original Color

39.5749, 20.8172, 6.4897

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

16.5529, 11.5997, 9.7540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5749, 20.8172, 6.4897 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(247, 25, 62)` looks like.

```
.text, #text, p{  
    color:rgb(247, 25, 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(247, 25, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 25, 62) }
```

Border

The CSS property to change the border of an element to XYZ 39.5749, 20.8172, 6.4897 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(247, 25, 62) }
```


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

```
.border{ border-color:rgb(247, 25, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 25, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 25, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 25, 62);  
box-shadow:4px 4px 4px 4px rgb(247, 25,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5749, 20.8172, 6.4897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 25, 62) }
```

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

```
.background{ background-color: rgb(247, 25,  
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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