

Converting Colors

XYZ(20.4235, 9.7262, 95.4087)

Have a look what the booklet for
XYZ(20.4235, 9.7262, 95.4087)
contains.

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Color

**XYZ(20.4352, 9.7320,
95.4092)**

Conversions

Conversions Part 1

Format	Color
Hex	362BFF
RGB	54, 43, 255
RGB Percent	21%, 17%, 100%
CMY	0.7882, 0.8314, 0.0000
CMYK	0.79, 0.83, 0.00, 0.00
HSL	243°, 100%, 58%
HSV	243°, 83%, 100%
XYZ	20.4352, 9.7320, 95.4092
YIQ	70.4570, -61.4960, 68.2640

Conversions

Conversions Part 2

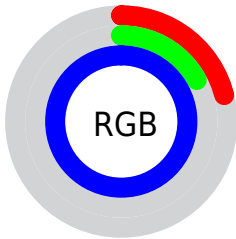
Format	Color
R _Y B	54, 43, 255
Decimal	3550207
CIE Lab	37.36, 69.55, -99.39
CIE LCh	37, 121.307, 304.983
Yxy	9.7320, 0.1627, 0.0775
Android (android.graphics.Color)	4281740287 (0xFF362BFF)
YUV	70.4570, 90.9797, -14.4328
Hunter-Lab	31.1962, 62.3341, -159.4931

Details

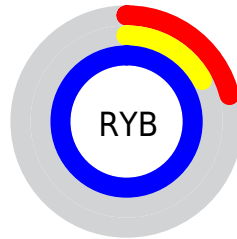
The XYZ color **20.4352, 9.7320, 95.4092** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **73.4957, 90.9231, 15.9612**, and the grayscale version is **5.7587, 6.0586, 6.5978**.

A 20% lighter version of the original color is **32.2245, 20.7366, 96.9119**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.7891, 7.9100, 95.1442**, and if you desaturate by 10%, it is **23.3047, 13.0420, 95.8968**.

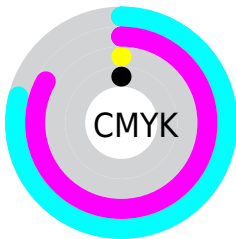
Distribution



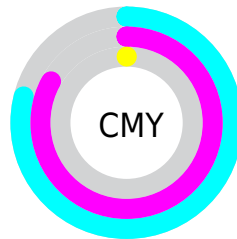
- Red (21%)
- Green (17%)
- Blue (100%)



- Red (21%)
- Yellow (17%)
- Blue (100%)



- Cyan (79%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)




- Cyan (79%)
- Magenta (83%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.4352, 9.7320, 95.4092 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 20.4352, 9.7320, 95.4092 by changing the saturation by 10% instead.

 20.4352, 9.7320,
95.4092


 20.4352, 9.7320,
95.4092


247.0504,
188.7485, 566.4919


 12.8219, 5.2216,
71.8768


 43.6440, 25.2902,
156.8302


 7.3822, 2.3779,
52.5718

 59.9703, 37.1068,
195.5560


 3.7507, 0.8145,
37.0757


 79.9315, 52.1276,
240.1833

 1.5621, 0.0000,
24.9699

 103.8931, 70.7370,
291.1307

 0.3675, 0.0000,
15.8358

 132.2205, 93.3194,
348.8167

 0.0000, 0.0000,
9.2549

 165.2789,

 0.0000, 0.0000,

120.2592, 413.6599

4.8088

203.4337,
151.9407, 486.0788

■ 0.0000, 0.0000,
2.0787

■ 0.0000, 0.0000,
0.6031

■ 20.4352, 9.7320,
95.4092

■ 20.4352, 9.7320,
95.4092

■ 18.7891, 7.9100,
95.1442

■ 23.3047, 13.0420,
95.8968

■ 18.2198, 7.3076,
95.0579

■ 27.5732, 18.0704,
96.6424

■ 33.3897, 25.0082,
97.6750

■ 40.8838, 34.0208,
99.0196

■ 50.1714, 45.2558,
100.6987

■ 61.3581, 58.8475,
102.7325

■ 74.5411, 74.9194,
105.1399

■ 89.8112, 93.5863,
107.9381

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



10.5805, 9.7320, 131.2355



20.4352, 9.7320, 95.4092



29.8631, 9.7320, 40.0456

Triad

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



20.4352, 9.7320, 95.4092



16.9229, 9.7320, 0.0000



0.9885, 9.7320, 14.6705

Complementary

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



20.4352, 9.7320, 95.4092



73.4957, 90.9231, 15.9612

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.



1.3159, 9.7320, 0.9165



20.4352, 9.7320, 95.4092



8.0360, 9.7320, 0.0000

Square

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



20.4352, 9.7320, 95.4092



27.1711, 9.7320, 0.0000



3.1401, 9.7320, 0.0000



1.6937, 9.7320, 57.3780

Rectangle

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



20.4352, 9.7320, 95.4092



32.8335, 9.7320, 14.7013



3.1401, 9.7320, 0.0000



0.9886, 9.7320, 7.3372

Sweetspot

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



20.4359, 9.7320, 95.4091



59.1288, 56.1350, 102.3265



51.5171, 72.6756, 105.9203



11.7946, 10.9681, 21.7454



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.



20.4359, 9.7320, 95.4091



18.2198, 7.3076, 95.0579



33.3304, 16.3794, 96.0126



17.0904, 17.4228, 22.7121



9.5560, 3.8368, 49.6715



0.9598, 0.3887, 4.8377

Inverse Universe

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



58.4291, 29.5175, 88.1866



57.2280, 27.6552, 86.1217



46.7429, 77.1315, 14.7091



18.7495, 18.2831, 22.5638



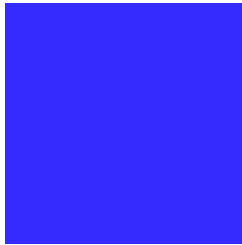
29.9206, 14.4575, 45.0940



2.9253, 1.4125, 4.4540

Previews

White Background



This preview shows how the XYZ color 20.4352, 9.7320, 95.4092 looks on a white background.

Color Contrast Check

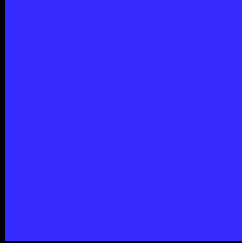
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 20.4352, 9.7320, 95.4092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

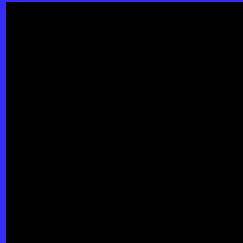
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.4352, 9.7320, 95.4092

Background



This preview shows how black text looks on a background with the XYZ color 20.4352, 9.7320, 95.4092.



This preview shows how white text looks on a background with the XYZ color 20.4352, 9.7320,

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

20.4352, 9.7320, 95.4092

Protanopia

11.0068, 9.4752, 42.3231

Tritanopia

6.5811, 9.3251, 14.0234

Trichromacy



Original Color

20.4352, 9.7320, 95.4092

Protanomaly

13.4361, 8.8127, 58.7505

Tritanomaly

9.1139, 7.9251, 33.3971

Monochromacy



Original Color

20.4352, 9.7320, 95.4092

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

8.2456, 6.1278, 24.4151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4352, 9.7320, 95.4092 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(54, 43, 255)` looks like.

```
.text, #text, p{  
    color:rgb(54, 43, 255)  
}
```

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(54, 43, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 43, 255) }
```

Border

The CSS property to change the border of an element to XYZ 20.4352, 9.7320, 95.4092 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(54, 43, 255) }
```

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

```
.border{ border-color:rgb(54, 43, 255) }
```

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

Here you see how a box with a 4 pixel rgb(54, 43, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 43, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 43, 255);  
box-shadow:4px 4px 4px 4px rgb(54, 43,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 20.4352, 9.7320, 95.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 43, 255) }
```

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

```
.background{ background-color: rgb(54, 43,  
255) }
```

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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