

Converting Colors

XYZ(43.1304, 22.5902, 10.1156)

Have a look what the booklet for
XYZ(43.1304, 22.5902, 10.1156)
contains.

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Color

**XYZ(43.1324, 22.6080,
10.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1A52
RGB	255, 26, 82
RGB Percent	100%, 10%, 32%
CMY	0.0000, 0.8979, 0.6784
CMYK	0.00, 0.90, 0.68, 0.00
HSL	345°, 100%, 55%
HSV	345°, 90%, 100%
XYZ	43.1324, 22.6080, 10.0731
YIQ	100.8550, 118.5080, 65.9640

Conversions

Conversions Part 2

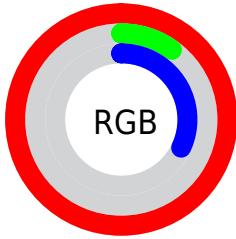
Format	Color
R_{YB}	255, 26, 82
Decimal	16718418
CIE _{Lab}	54.67, 79.63, 31.38
CIE _{LCh}	55, 85.596, 21.509
Yxy	22.6080, 0.5689, 0.2982
Android (android.graphics.Color)	4294908498 (0xFFFF1A52)
YUV	100.8550, -9.2955, 135.1852
Hunter-Lab	47.5479, 78.7151, 20.7228

Details

The XYZ color **43.1324, 22.6080, 10.0731** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **46.4994, 75.8647, 66.2459**, and the grayscale version is **12.3386, 12.9812, 14.1365**.

A 20% lighter version of the original color is **50.2870, 32.7993, 25.1532**, and **21.5851, 11.0871, 2.8361** is the 20% darker color. If you saturate the color by 10%, you get **42.1353, 21.6274, 6.6174**, and if you desaturate by 10%, it is **44.8092, 24.6194, 14.7710**.

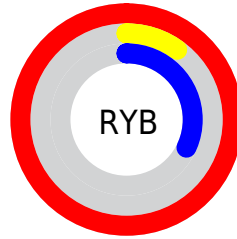
Distribution



Red (100%)

Green (10%)

Blue (32%)



Red (100%)

Yellow (10%)

Blue (32%)

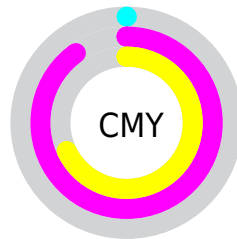


Cyan (0%)

Magenta (90%)

Yellow (68%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1324, 22.6080, 10.0731 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 43.1324, 22.6080, 10.0731 by changing the saturation by 10% instead.


 43.1324, 22.6080,
10.0731


 43.1324, 22.6080,
10.0731


350.0683,
265.7052, 201.6967


 30.1840, 14.3043,
5.3412


 79.1651, 47.7489,
26.5429

 20.1270, 8.3326,
2.3866


 102.9801, 65.3548,
39.1178


 12.5962, 4.3085,
0.7791


 131.1479, 86.8304,
55.1442

 7.2262, 1.8476,
0.0000

 164.0341,
112.5598, 75.0406

 3.6515, 0.5166,
0.0000

 202.0038,
142.9277, 99.2255

 1.5069, 0.0000,
0.0000

245.4225,

 0.3306, 0.0000,

178.3182, 128.1175

0.0000

294.6556,
219.1159, 162.1350

■ 0.0000, 0.0000,
0.0000

■ 43.1324, 22.6080,
10.0731

■ 43.1324, 22.6080,
10.0731

■ 42.1353, 21.6274,
6.6174

■ 44.8092, 24.6194,
14.7710

■ 42.1183, 21.6113,
6.5565

■ 47.3187, 27.9416,
20.8391

■ 50.7628, 32.7556,
28.3812

■ 55.2274, 39.2128,
37.4901

■ 60.7883, 47.4455,
48.2503

67.5140, 57.5727,
60.7402

75.4672, 69.7030,
75.0331

84.7062, 83.9366,
91.1977

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



44.8461, 22.6080, 33.0986



43.1324, 22.6080, 10.0731



34.8500, 22.6080, 2.2450

Triad

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



43.1324, 22.6080, 10.0731



10.1992, 22.6080, 4.3870



18.9229, 22.6080, 119.8404

Complementary

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



43.1324, 22.6080, 10.0731



46.4994, 75.8647, 66.2459

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.



12.0704, 22.6080, 91.6464



43.1324, 22.6080, 10.0731



8.0897, 22.6080, 17.7231

Square

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



43.1324, 22.6080, 10.0731



15.5070, 22.6080, 1.0231



8.6567, 22.6080, 48.9591



28.8381, 22.6080, 111.3063

Rectangle

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



43.1324, 22.6080, 10.0731



27.7608, 22.6080, 0.9142



8.6567, 22.6080, 48.9591



16.2397, 22.6080, 113.8818

Sweetspot

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



43.1329, 22.6094, 10.0734



69.6075, 60.7518, 64.5443



41.6451, 19.9332, 96.2597



14.3534, 12.1754, 12.8230



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.



43.1329, 22.6094, 10.0734



42.1186, 21.6114, 6.5565



44.5410, 27.5634, 3.9520



18.1914, 18.0599, 19.6251



22.0568, 11.3120, 3.6836



2.1886, 1.1178, 0.5744

Inverse Universe

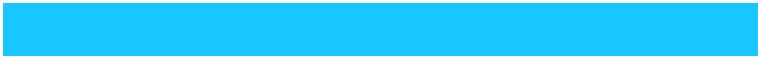
The Inverse Universe completely reimagines the original color for something new.



43.1329, 22.6094, 10.0734



42.1186, 21.6114, 6.5565



38.6156, 47.7177, 101.7823



18.1914, 18.0599, 19.6251



22.0568, 11.3120, 3.6836



2.1886, 1.1178, 0.5744

Previews

White Background



This preview shows how the XYZ color 43.1324, 22.6080, 10.0731 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 43.1324, 22.6080, 10.0731 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 43.1324, 22.6080, 10.0731

Background



This preview shows how black text looks on a background with the XYZ color 43.1324, 22.6080, 10.0731.

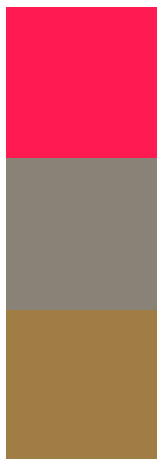


This preview shows how white text looks on a background with the XYZ color 43.1324, 22.6080,

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

43.1324, 22.6080, 10.0731

Protanopia

21.7626, 22.8829, 20.7226

Deuteranopia

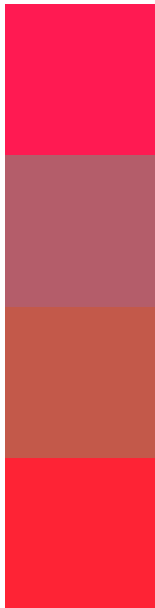
23.1370, 22.6865, 8.9538



Tritanopia

41.9658, 22.7220, 3.9242

Trichromacy



Original Color

43.1324, 22.6080, 10.0731

Protanomaly

25.3383, 18.5726, 15.8851

Deuteranomaly

27.3141, 19.2413, 8.7529

Tritanomaly

42.1167, 22.5299, 5.4971

Monochromacy



Original Color

43.1324, 22.6080, 10.0731

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

18.3738, 12.8738, 12.1062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1324, 22.6080, 10.0731 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, 26, 82)` looks like.

```
.text, #text, p{  
  color:rgb(255, 26, 82)  
}
```

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, 26, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 82) }
```

Border

The CSS property to change the border of an element to XYZ 43.1324, 22.6080, 10.0731 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, 26, 82) }
```


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

```
.border{ border-color:rgb(255, 26, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1324, 22.6080, 10.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 82) }
```

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

```
.background{ background-color: rgb(255, 26,  
82) }
```

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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