

Converting Colors

XYZ(43.6561, 24.6049, 9.1049)

Have a look what the booklet for
XYZ(43.6561, 24.6049, 9.1049)
contains.

XYZ(43.6561, 24.6049, 9.1049)	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(43.6561, 24.6049,
9.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	FE3A4B
RGB	254, 58, 75
RGB Percent	100%, 23%, 29%
CMY	0.0039, 0.7725, 0.7059
CMYK	0.00, 0.77, 0.70, 0.00
HSL	355°, 99%, 61%
HSV	355°, 77%, 100%
XYZ	43.6561, 24.6049, 9.1049
YIQ	118.5420, 111.3590, 46.8390

Conversions

Conversions Part 2

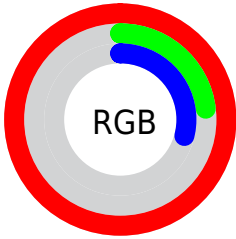
Format	Color
R_YB	254, 58, 75
Decimal	16661067
CIE _{Lab}	56.69, 72.47, 37.87
CIE _{LCh}	57, 81.764, 27.589
Yxy	24.6049, 0.5643, 0.3180
Android (android.graphics.Color)	4294851147 (0xFFFE3A4B)
YUV	118.5420, -21.4662, 118.7967
Hunter-Lab	49.6033, 70.2928, 23.8394

Details

The XYZ color **43.6561, 24.6049, 9.1049** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **52.4756, 77.8984, 92.4018**, and the grayscale version is **17.4330, 18.3408, 19.9732**.

A 20% lighter version of the original color is **51.7155, 36.3900, 23.3670**, and **21.2336, 10.9177, 2.2845** is the 20% darker color. If you saturate the color by 10%, you get **42.0214, 22.3833, 5.3311**, and if you desaturate by 10%, it is **46.2120, 28.2066, 14.6134**.

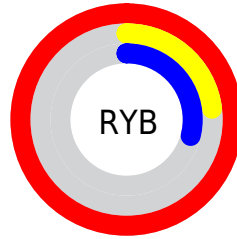
Distribution



Red (100%)

Green (23%)

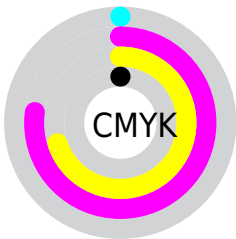
Blue (29%)



Red (100%)

Yellow (23%)

Blue (29%)

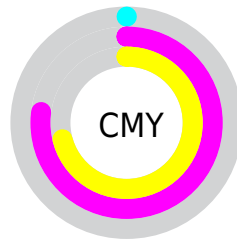


Cyan (0%)

Magenta (77%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6561, 24.6049, 9.1049 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 43.6561, 24.6049, 9.1049 by changing the saturation by 10% instead.


 43.6561, 24.6049,
9.1049


 43.6561, 24.6049,
9.1049

352.1790,
275.8646, 194.4053

 30.5970, 15.7829,
4.7119


 79.9496, 51.0155,
24.6787


 20.4425, 9.3707,
2.0235


 103.9146, 69.3730,
36.6965

 12.8272, 4.9837,
0.5697


 132.2457, 91.6777,
52.0931

 7.3859, 2.2377,
0.0000

 165.3082,
118.3141, 71.2869

 3.7530, 0.7404,
0.0000

 203.4674,
149.6666, 94.6964

 1.5634, 0.0000,
0.0000

247.0887,

 0.3684, 0.0000,

186.1196, 122.7404

0.0000

296.5375,
228.0575, 155.8371

■ 0.0000, 0.0000,
0.0000

■ 43.6561, 24.6049,
9.1049

■ 43.6561, 24.6049,
9.1049

■ 42.0214, 22.3833,
5.3311

■ 46.2120, 28.2066,
14.6134

■ 41.1680, 21.3141,
3.0811

■ 49.7974, 33.3589,
22.0316

■ 41.0177, 21.1287,
2.6761

■ 54.5075, 40.2124,
31.5141

■ 60.4258, 48.8986,
43.1994

■ 67.6282, 59.5363,
57.2139

■ 76.1842, 72.2340,
73.6744

■ 86.1583, 87.0925,
92.6901

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



46.8632, 24.6049, 29.0579



43.6561, 24.6049, 9.1049



34.6365, 24.6049, 2.4286

Triad

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



43.6561, 24.6049, 9.1049



11.0846, 24.6049, 7.3678



22.6243, 24.6049, 120.7492

Complementary

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



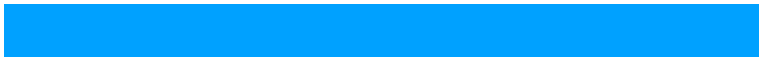
43.6561, 24.6049, 9.1049



52.4756, 77.8984, 92.4018

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.



14.8813, 24.6049, 99.9160



43.6561, 24.6049, 9.1049



9.4484, 24.6049, 24.6443

Square

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



43.6561, 24.6049, 9.1049



15.8905, 24.6049, 2.0100



10.6229, 24.6049, 59.1508



32.9316, 24.6049, 105.3164

Rectangle

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



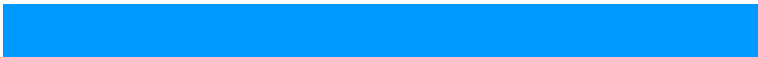
43.6561, 24.6049, 9.1049



27.5463, 24.6049, 1.2797



10.6229, 24.6049, 59.1508



19.6676, 24.6049, 117.5607

Sweetspot

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



43.6567, 24.6064, 9.1053



71.6526, 65.1354, 64.3216



53.4666, 27.7438, 96.3024



14.6976, 12.9945, 12.5348



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.



43.6567, 24.6064, 9.1053



41.8103, 21.8303, 3.8780



50.4988, 39.1001, 8.8906



18.0733, 18.0126, 19.0030



21.6467, 11.1480, 1.5239



2.1284, 1.0937, 0.2576

Inverse Universe

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



43.6567, 24.6064, 9.1053



41.8103, 21.8303, 3.8780



35.0833, 38.9520, 99.4348



18.0733, 18.0126, 19.0030



21.6467, 11.1480, 1.5239



2.1284, 1.0937, 0.2576

Previews

White Background



This preview shows how the XYZ color 43.6561, 24.6049, 9.1049 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



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 43.6561, 24.6049, 9.1049

Background



This preview shows how black text looks on a background with the XYZ color 43.6561, 24.6049, 9.1049.



This preview shows how white text looks on a background with the XYZ color 43.6561, 24.6049,

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

43.6561, 24.6049, 9.1049

Protanopia

23.1064, 24.6986, 16.3814

Deuteranopia

25.0565, 24.6603, 8.2898



Tritanopia

43.3584, 24.6503, 7.0302

Trichromacy



Original Color

43.6561, 24.6049, 9.1049

Protanomaly

27.3459, 21.8297, 13.1282

Deuteranomaly

29.5469, 22.4601, 8.2468

Tritanomaly

43.4501, 24.6040, 7.7692

Monochromacy



Original Color

43.6561, 24.6049, 9.1049

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.8713, 17.8535, 15.0726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6561, 24.6049, 9.1049 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(254, 58, 75)` looks like.

```
.text, #text, p{  
    color:rgb(254, 58, 75)  
}
```

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(254, 58, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 58, 75) }
```

Border

The CSS property to change the border of an element to XYZ 43.6561, 24.6049, 9.1049 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(254, 58, 75) }
```


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

```
.border{ border-color:rgb(254, 58, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 58, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 58, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 58, 75);  
box-shadow:4px 4px 4px 4px rgb(254, 58,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6561, 24.6049, 9.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 58, 75) }
```

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

```
.background{ background-color: rgb(254, 58,  
75) }
```

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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