

Converting Colors

XYZ(23.3716, 17.1266, 91.6965)

Have a look what the booklet for
XYZ(23.3716, 17.1266, 91.6965)
contains.

XYZ(23.3716, 17.1266, 91.6965)	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(23.3716, 17.1266,
91.6965)**

Conversions

Conversions Part 1

Format	Color
Hex	3666F9
RGB	54, 102, 249
RGB Percent	21%, 40%, 98%
CMY	0.7882, 0.6000, 0.0235
CMYK	0.78, 0.59, 0.00, 0.02
HSL	225°, 94%, 59%
HSV	225°, 78%, 98%
XYZ	23.3716, 17.1266, 91.6965
YIQ	104.4060, -75.7950, 35.5410

Conversions

Conversions Part 2

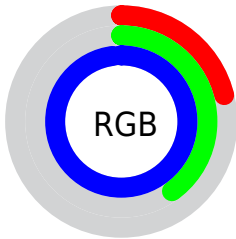
Format	Color
R_{YB}	54, 93, 249
Decimal	3565305
CIE _{Lab}	48.42, 35.58, -77.80
CIE _{LCh}	48, 85.550, 294.574
Yxy	17.1266, 0.1768, 0.1296
Android (android.graphics.Color)	4281755385 (0xFF3666F9)
YUV	104.4060, 71.2848, -44.2061
Hunter-Lab	41.3843, 28.3846, -102.4017

Details

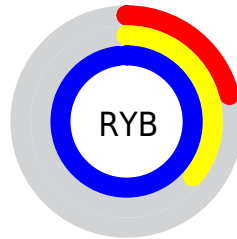
The XYZ color **23.3716, 17.1266, 91.6965** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **60.6241, 62.1879, 12.3003**, and the grayscale version is **13.0978, 13.7799, 15.0063**.

A 20% lighter version of the original color is **38.6472, 34.7483, 99.2779**, and **10.8181, 6.5899, 49.9920** is the 20% darker color. If you saturate the color by 10%, you get **20.7196, 13.3238, 91.1027**, and if you desaturate by 10%, it is **27.1262, 22.1177, 92.4625**.

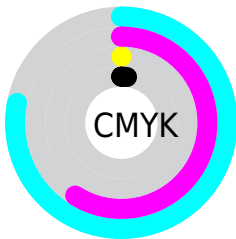
Distribution



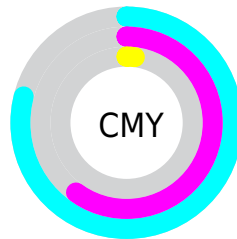
- Red (21%)
- Green (40%)
- Blue (98%)



- Red (21%)
- Yellow (36%)
- Blue (98%)



- Cyan (78%)
- Magenta (59%)
- Yellow (0%)
- Black (2%)



- Cyan (79%)
- Magenta (60%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3716, 17.1266, 91.6965 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 23.3716, 17.1266, 91.6965 by changing the saturation by 10% instead.

■ 23.3716, 17.1266,
91.6965

■ 23.3716, 17.1266,
91.6965

262.1277,
235.9009, 554.2460

■ 14.9903, 10.3248,
68.8070

■ 48.4650, 38.5433,
151.6487

■ 8.8989, 5.6148,
50.0837

■ 65.9078, 53.9270,
189.5485

■ 4.7319, 2.6123,
35.1083

■ 87.1018, 72.9401,
233.2887

■ 2.1239, 0.9329,
23.4621

■ 112.4124, 95.9671,
283.2880

■ 0.7022, 0.0000,
14.7266

142.2049,
123.3922, 339.9648

■ 0.0000, 0.0000,
8.4832

176.8448,

■ 0.0000, 0.0000,

155.6000, 403.7377

4.3135

216.6973,
192.9747, 475.0253

■ 0.0000, 0.0000,
1.7989

■ 0.0000, 0.0000,
0.4272

■ 23.3716, 17.1266,
91.6965

■ 23.3716, 17.1266,
91.6965

■ 20.7196, 13.3238,
91.1027

■ 27.1262, 22.1177,
92.4625

■ 19.0109, 10.5851,
90.6642

■ 32.0983, 28.3951,
93.4121

■ 18.7825, 10.2066,
90.6031

■ 38.3903, 36.0466,
94.5573

■ 46.0925, 45.1518,
95.9089

■ 55.2868, 55.7835,
97.4764

■ 66.0488, 68.0097,
99.2691

■ 78.4489, 81.8941,
101.2955

■ 92.5529, 97.4967,
103.5637

■ 94.0990, 99.6196,
103.8920

Harmonies

Analogous

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



14.8967, 17.1266, 102.8484



23.3716, 17.1266, 91.6965



31.8748, 17.1266, 56.4373

Triad

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



23.3716, 17.1266, 91.6965



26.6501, 17.1266, 0.9626



5.4241, 17.1266, 14.8630

Complementary

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



23.3716, 17.1266, 91.6965



60.6241, 62.1879, 12.3003

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.



6.8383, 17.1266, 3.1626



23.3716, 17.1266, 91.6965



17.7429, 17.1266, 0.0000

Square

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



23.3716, 17.1266, 91.6965



34.1538, 17.1266, 5.8550



10.7885, 17.1266, 0.3971



6.0709, 17.1266, 42.9217

Rectangle

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



23.3716, 17.1266, 91.6965



35.5167, 17.1266, 32.6184



10.7885, 17.1266, 0.3971



5.6555, 17.1266, 9.3741

Sweetspot

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



23.3725, 17.1270, 91.6970



64.1465, 65.4835, 103.8664



45.8532, 72.7185, 66.4191



12.8706, 13.0374, 22.0881



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.



23.3725, 17.1270, 91.6970



20.7199, 12.2601, 95.8821



23.9853, 12.3490, 90.7425



16.6299, 17.3367, 21.8551



10.1469, 5.6494, 48.5292



1.0194, 0.6824, 4.5212

Inverse Universe

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



42.7853, 23.7390, 14.8973



42.6608, 22.1085, 8.5483



58.4296, 80.3327, 15.9183



17.4198, 17.2953, 18.8002



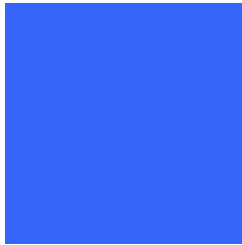
21.4137, 10.9812, 3.6211



2.0235, 1.0331, 0.5470

Previews

White Background



This preview shows how the XYZ color 23.3716, 17.1266, 91.6965 looks on a white background.

Color Contrast Check

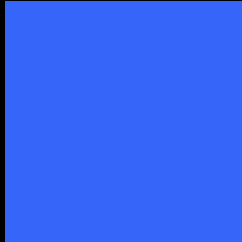
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.3716, 17.1266, 91.6965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

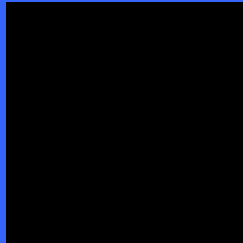
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.3716, 17.1266, 91.6965

Background



This preview shows how black text looks on a background with the XYZ color 23.3716, 17.1266, 91.6965.



This preview shows how white text looks on a background with the XYZ color 23.3716, 17.1266,

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

23.3716, 17.1266, 91.6965

Protanopia

20.2839, 17.0351, 79.3098

Deuteranopia

16.7866, 16.8927, 57.0195



Tritanopia

11.9625, 16.9280, 25.5586

Trichromacy



Original Color

23.3716, 17.1266, 91.6965

Protanomaly

21.1262, 16.8961, 83.8092

Deuteranomaly

18.7376, 16.7990, 68.5846

Tritanomaly

14.6034, 16.2402, 43.4393

Monochromacy



Original Color

23.3716, 17.1266, 91.6965

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.7738, 14.1133, 33.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3716, 17.1266, 91.6965 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, 102, 249)` looks like.

```
.text, #text, p{  
    color:rgb(54, 102, 249)  
}
```

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, 102, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 102, 249) }
```

Border

The CSS property to change the border of an element to XYZ 23.3716, 17.1266, 91.6965 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, 102, 249) }
```


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

```
.border{ border-color:rgb(54, 102, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 102, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 102, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 102, 249);  
box-shadow:4px 4px 4px 4px rgb(54, 102,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3716, 17.1266, 91.6965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 102, 249) }
```

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

```
.background{ background-color: rgb(54, 102,  
249) }
```

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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